

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016529.D
 Acq On : 29 Nov 2023 09:56
 Operator : SY/MD
 Sample : VSTDICC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC050

Quant Time: Nov 30 03:07:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.826	168	175308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.722	114	269324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.520	117	235441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.453	152	108926	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	72982	52.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.380%	
35) Dibromofluoromethane	7.758	113	79048	50.009	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.020%	
50) Toluene-d8	10.209	98	305087	49.763	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.508	95	98745	51.343	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.924	85	73656	48.233	ug/l	97
3) Chloromethane	2.138	50	76832	50.436	ug/l	97
4) Vinyl Chloride	2.278	62	86381	50.239	ug/l	98
5) Bromomethane	2.686	94	58517	52.575	ug/l	97
6) Chloroethane	2.826	64	56250	50.676	ug/l	95
7) Trichlorofluoromethane	3.162	101	149343	50.172	ug/l	100
8) Diethyl Ether	3.564	74	43567	55.106	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.942	101	87229	51.624	ug/l	97
10) Methyl Iodide	4.137	142	100611	52.630	ug/l	98
11) Tert butyl alcohol	5.003	59	25543	290.977	ug/l #	81
12) 1,1-Dichloroethene	3.918	96	81808	51.805	ug/l	82
13) Acrolein	3.765	56	52170	313.632	ug/l	97
14) Allyl chloride	4.527	41	97351	53.625	ug/l #	87
15) Acrylonitrile	5.210	53	83601	298.828	ug/l	98
16) Acetone	3.991	43	70671	264.923	ug/l #	87
17) Carbon Disulfide	4.241	76	231813	52.031	ug/l	98
18) Methyl Acetate	4.521	43	63699	62.133	ug/l #	79
19) Methyl tert-butyl Ether	5.271	73	199754	58.046	ug/l	96
20) Methylene Chloride	4.765	84	85329	52.838	ug/l #	83
21) trans-1,2-Dichloroethene	5.271	96	92489	52.585	ug/l	89
22) Diisopropyl ether	6.167	45	208715	54.829	ug/l #	84
23) Vinyl Acetate	6.106	43	513314	292.413	ug/l #	88
24) 1,1-Dichloroethane	6.070	63	141916	52.826	ug/l	95
25) 2-Butanone	7.027	43	102017	273.007	ug/l #	84
26) 2,2-Dichloropropane	7.027	77	135563	51.057	ug/l	94
27) cis-1,2-Dichloroethene	7.033	96	101166	53.538	ug/l	86
28) Bromochloromethane	7.374	49	53108	54.700	ug/l #	67
29) Tetrahydrofuran	7.387	42	64696	322.277	ug/l #	78
30) Chloroform	7.545	83	158046	52.783	ug/l	97
31) Cyclohexane	7.826	56	122889	50.540	ug/l #	83
32) 1,1,1-Trichloroethane	7.746	97	148512	51.183	ug/l	94
36) 1,1-Dichloropropene	7.960	75	120496	51.622	ug/l	97
37) Ethyl Acetate	7.118	43	45219	61.809	ug/l #	89
38) Carbon Tetrachloride	7.941	117	140224	51.183	ug/l	100
39) Methylcyclohexane	9.216	83	152970	52.540	ug/l	89
40) Benzene	8.197	78	344591	52.067	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	23556	58.244	ug/l	91
42) 1,2-Dichloroethane	8.277	62	90338	55.082	ug/l	92
43) Isopropyl Acetate	8.307	43	87950	61.135	ug/l #	83
44) Trichloroethene	8.972	130	105266	51.638	ug/l	95
45) 1,2-Dichloropropane	9.246	63	79434	53.190	ug/l	99
46) Dibromomethane	9.337	93	47624	56.713	ug/l	98
47) Bromodichloromethane	9.526	83	119379	53.845	ug/l	97
48) Methyl methacrylate	9.325	41	49292	61.031	ug/l #	77
49) 1,4-Dioxane	9.331	88	9147	1176.304	ug/l #	68
51) 4-Methyl-2-Pentanone	10.100	43	228275	304.166	ug/l #	84
52) Toluene	10.276	92	225852	53.123	ug/l	93
53) t-1,3-Dichloropropene	10.496	75	116958	56.929	ug/l	99
54) cis-1,3-Dichloropropene	9.959	75	137565	55.257	ug/l #	83
55) 1,1,2-Trichloroethane	10.673	97	68024	56.138	ug/l	95
56) Ethyl methacrylate	10.538	69	62791	61.233	ug/l #	76
57) 1,3-Dichloropropane	10.819	76	110511	56.620	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.813	63	190757	300.829	ug/l #	88
59) 2-Hexanone	10.862	43	166899	281.536	ug/l	81
60) Dibromochloromethane	11.014	129	89520	56.521	ug/l	99
61) 1,2-Dibromoethane	11.118	107	64814	56.641	ug/l	100
64) Tetrachloroethene	10.752	164	110529	52.750	ug/l	97
65) Chlorobenzene	11.544	112	243343	51.610	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.618	131	94231	52.133	ug/l	99
67) Ethyl Benzene	11.618	91	427804	51.687	ug/l	98
68) m/p-Xylenes	11.727	106	335058	104.601	ug/l	91
69) o-Xylene	12.056	106	156266	53.140	ug/l	94
70) Styrene	12.069	104	225422	53.277	ug/l	97
71) Bromoform	12.233	173	53445	57.244	ug/l #	98
73) Isopropylbenzene	12.355	105	427737	51.782	ug/l	98
74) N-amyl acetate	12.166	43	69648	59.704	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.605	83	68634	55.974	ug/l	98
76) 1,2,3-Trichloropropane	12.660	75	90757	98.908	ug/l #	100
77) Bromobenzene	12.636	156	99319	51.637	ug/l	89
78) n-propylbenzene	12.697	91	487765	51.613	ug/l	97
79) 2-Chlorotoluene	12.782	91	269323	51.238	ug/l	97
80) 1,3,5-Trimethylbenzene	12.837	105	343742	51.766	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.404	75	23857	56.891	ug/l	88
82) 4-Chlorotoluene	12.880	91	273023	50.590	ug/l	96
83) tert-Butylbenzene	13.099	119	299818	50.032	ug/l	98
84) 1,2,4-Trimethylbenzene	13.148	105	338075	52.294	ug/l	97
85) sec-Butylbenzene	13.276	105	425266	51.311	ug/l	98
86) p-Isopropyltoluene	13.392	119	373616	52.174	ug/l	97
87) 1,3-Dichlorobenzene	13.392	146	189174	52.087	ug/l	99
88) 1,4-Dichlorobenzene	13.471	146	183234	51.546	ug/l	100
89) n-Butylbenzene	13.721	91	329957	52.569	ug/l	95
90) Hexachloroethane	13.983	117	71166	50.935	ug/l	97
91) 1,2-Dichlorobenzene	13.763	146	163140	53.002	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	10394	60.255	ug/l	80
93) 1,2,4-Trichlorobenzene	15.032	180	93854	49.794	ug/l	99
94) Hexachlorobutadiene	15.135	225	56170	52.692	ug/l	97
95) Naphthalene	15.263	128	169841	50.641	ug/l	98
96) 1,2,3-Trichlorobenzene	15.452	180	77123	50.147	ug/l	99

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ClientSampleId :
VSTDICC050

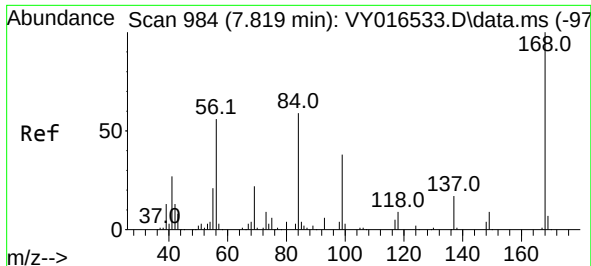
Quant Time: Nov 30 03:07:15 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 30 02:51:41 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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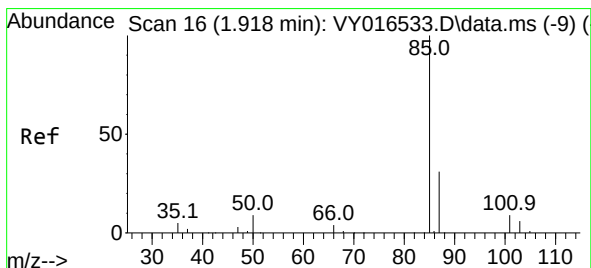
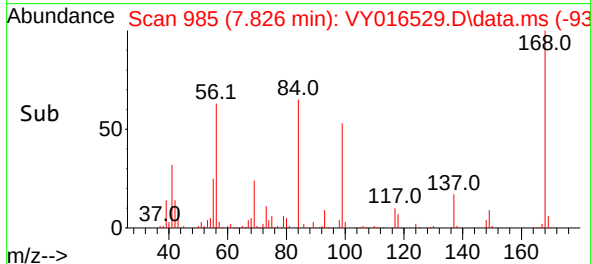
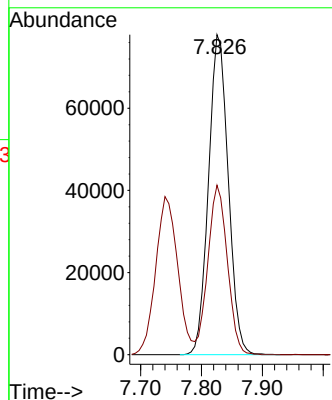
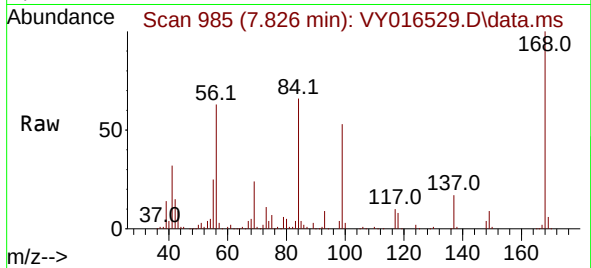




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY016529.D
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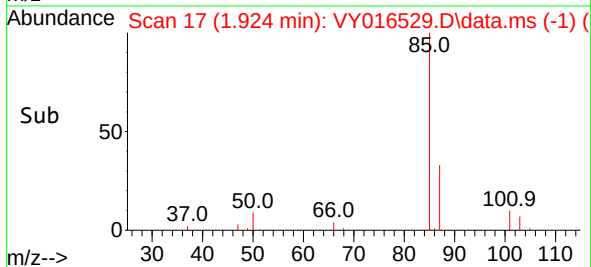
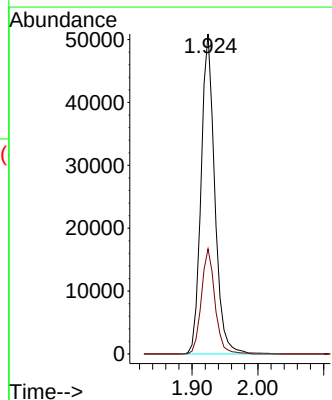
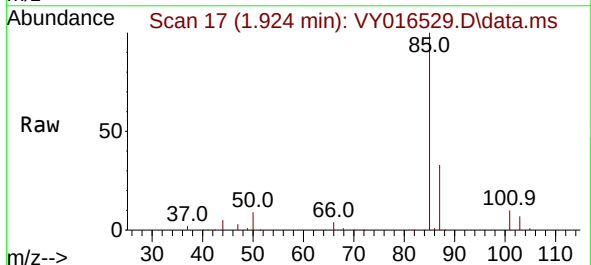
Instrument :
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ClientSampleId :
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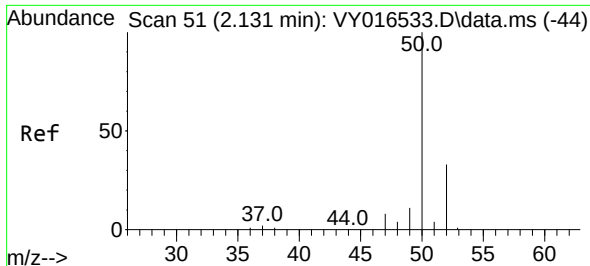
Tgt Ion:168 Resp: 175308
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.233 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 85 Resp: 73656
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8

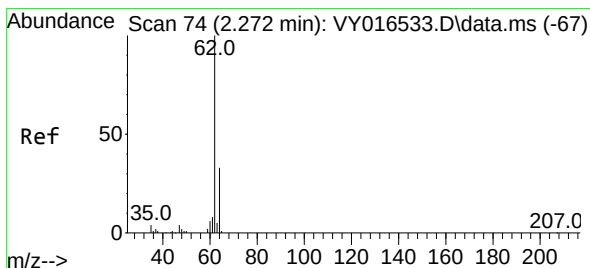
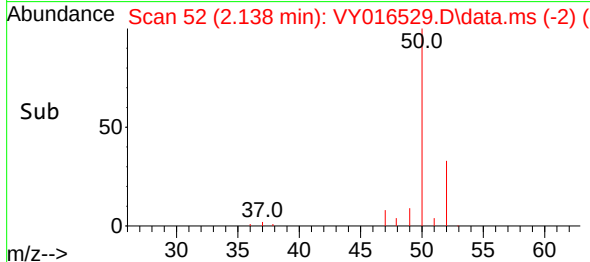
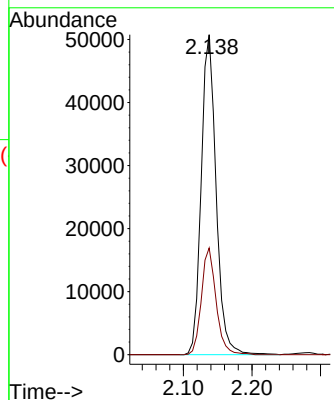
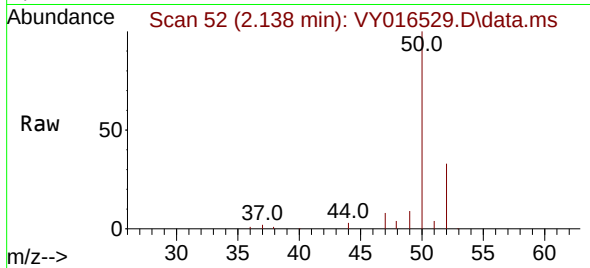




#3
Chloromethane
Concen: 50.436 ug/l
RT: 2.138 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

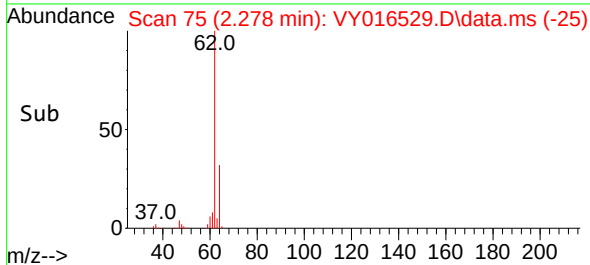
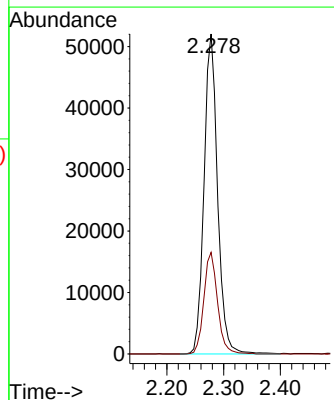
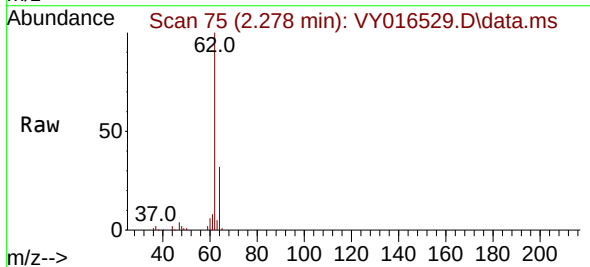
Instrument :
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ClientSampleId :
VSTDICC050

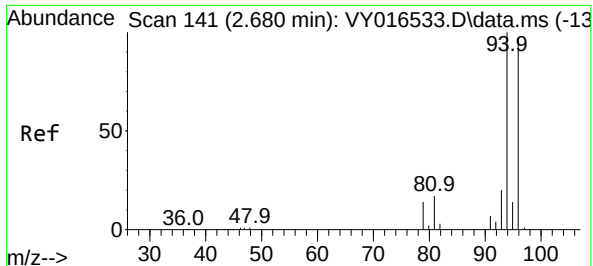
Tgt Ion: 50 Resp: 76832
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2



#4
Vinyl Chloride
Concen: 50.239 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 62 Resp: 86381
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5





#5

Bromomethane

Concen: 52.575 ug/l

RT: 2.686 min Scan# 141

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

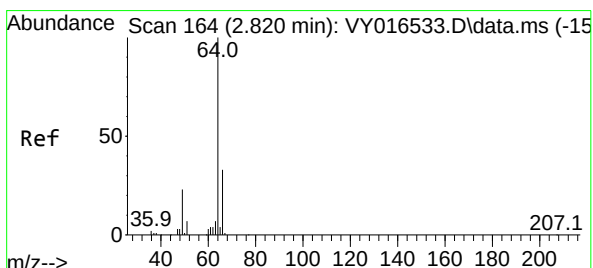
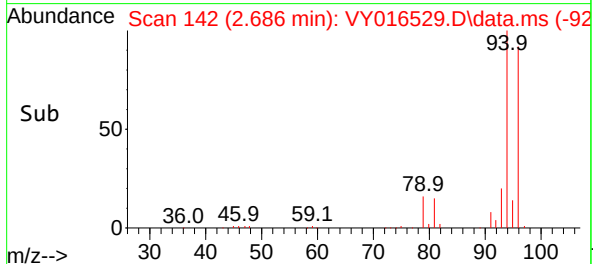
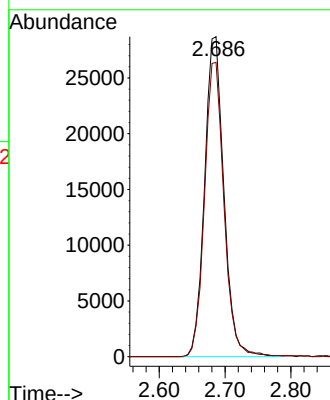
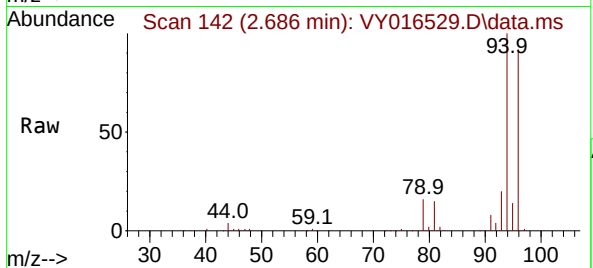
VSTDIC050

Tgt Ion: 94 Resp: 58517

Ion Ratio Lower Upper

94 100

96 91.9 75.8 113.6



#6

Chloroethane

Concen: 50.676 ug/l

RT: 2.826 min Scan# 165

Delta R.T. 0.006 min

Lab File: VY016529.D

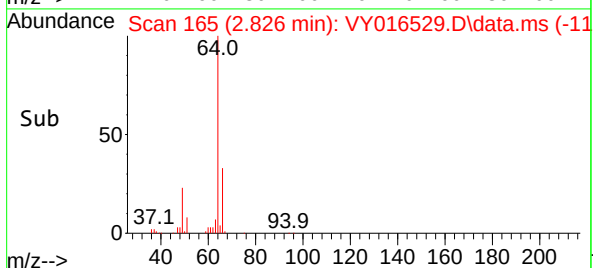
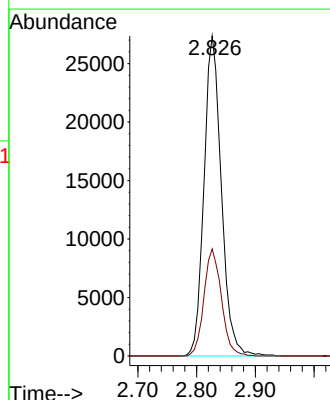
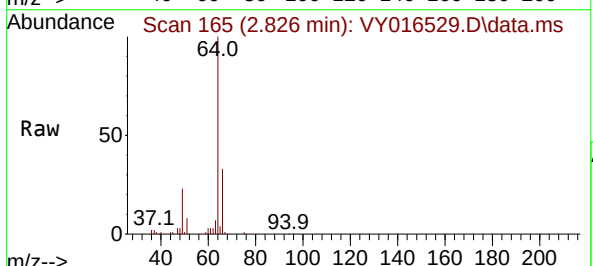
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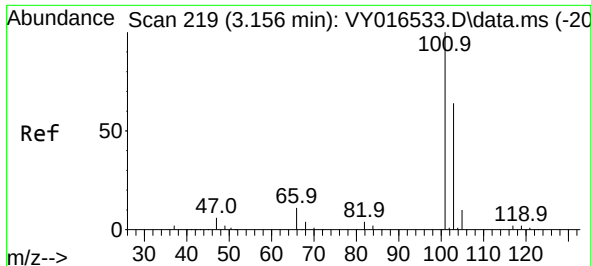
Tgt Ion: 64 Resp: 56250

Ion Ratio Lower Upper

64 100

66 33.5 24.4 36.6

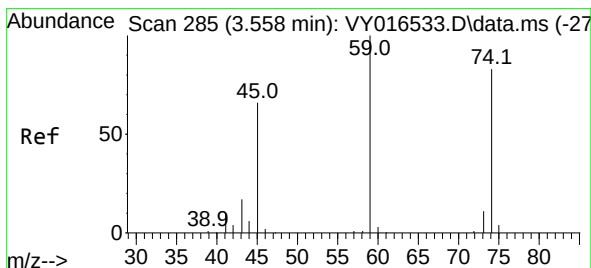
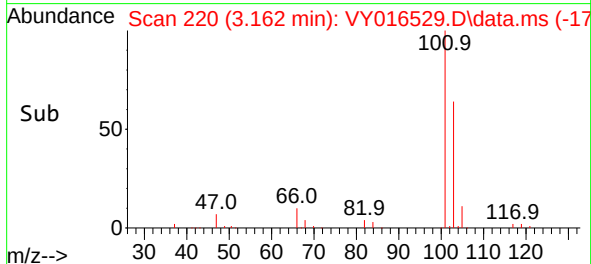
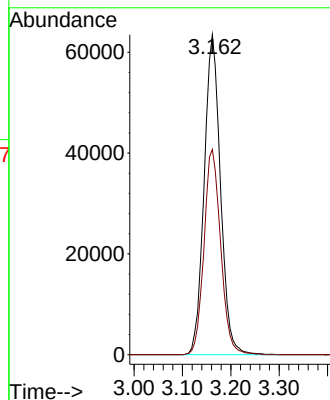
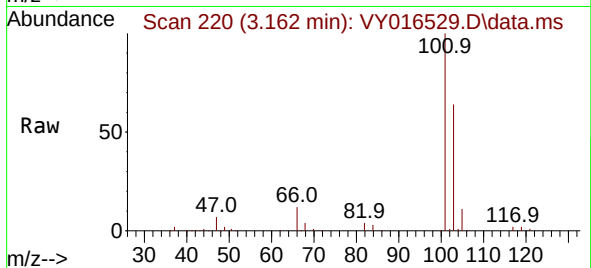




#7
Trichlorofluoromethane
Concen: 50.172 ug/l
RT: 3.162 min Scan# 219
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

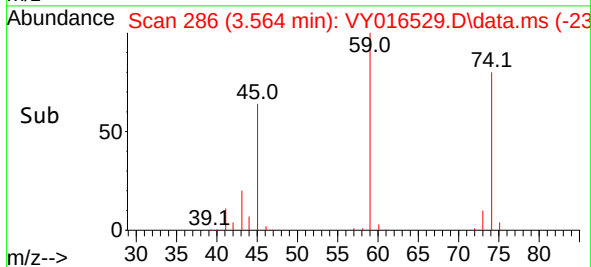
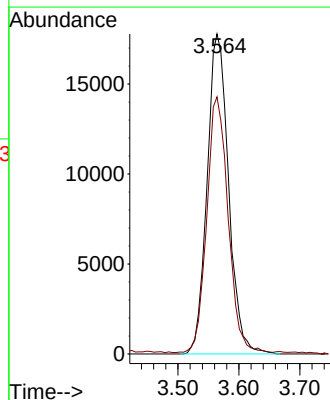
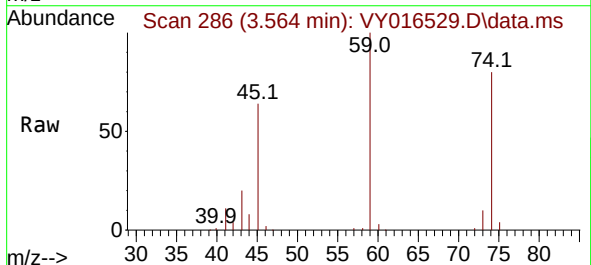
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC050

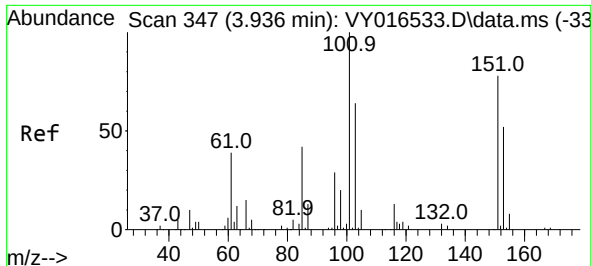
Tgt Ion:101 Resp: 149343
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0



#8
Diethyl Ether
Concen: 55.106 ug/l
RT: 3.564 min Scan# 286
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 74 Resp: 43567
Ion Ratio Lower Upper
74 100
45 79.3 51.5 154.5

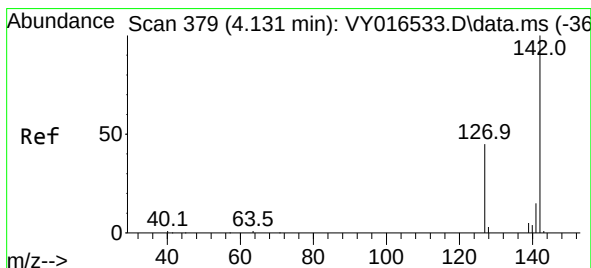
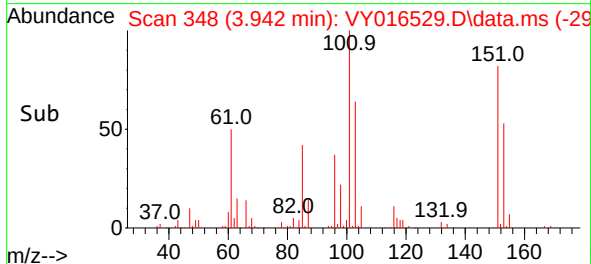
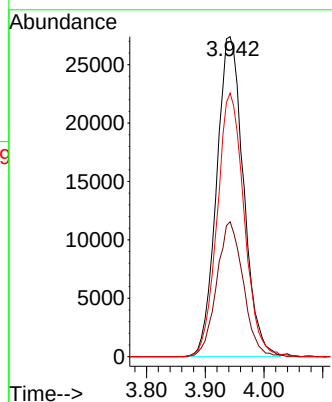
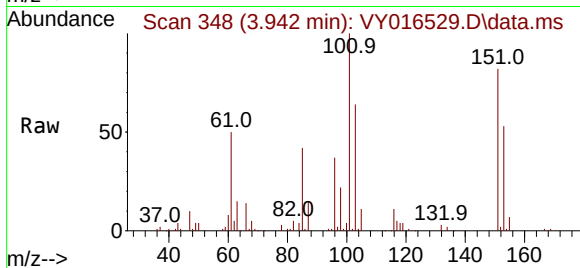




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.624 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY016529.D
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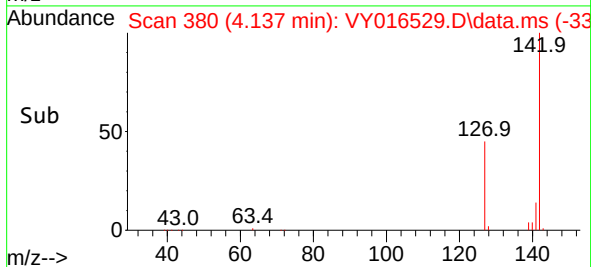
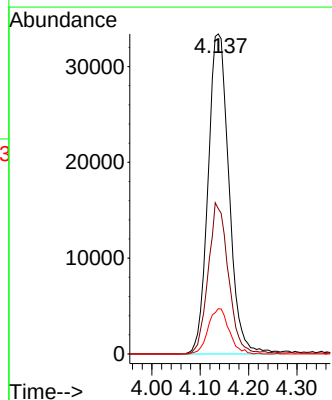
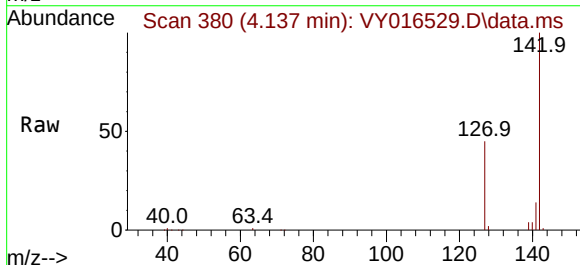
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

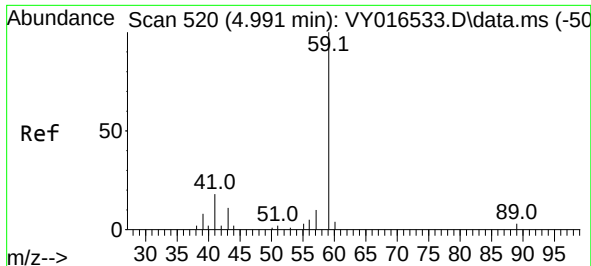
Tgt Ion:101 Resp: 87229
Ion Ratio Lower Upper
101 100
85 41.6 36.6 55.0
151 82.5 67.0 100.6



#10
Methyl Iodide
Concen: 52.630 ug/l
RT: 4.137 min Scan# 380
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion:142 Resp: 100611
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.1 11.8 17.8

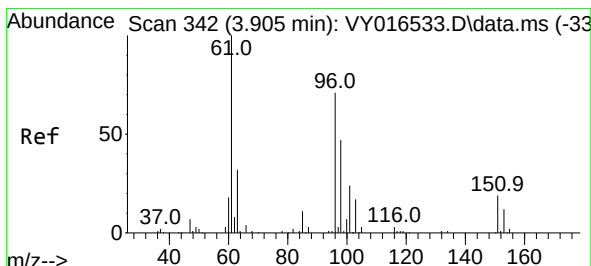
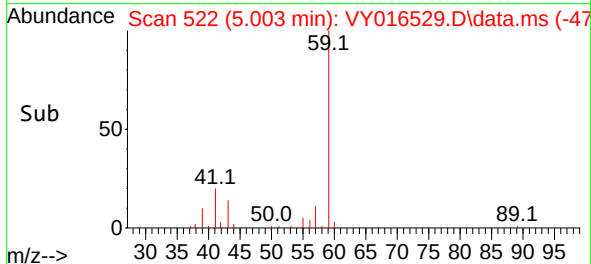
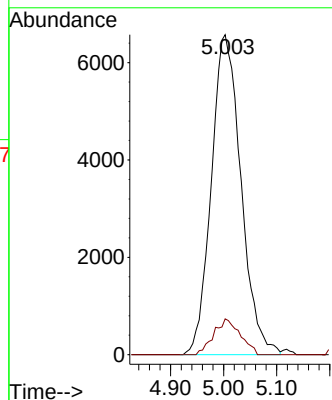
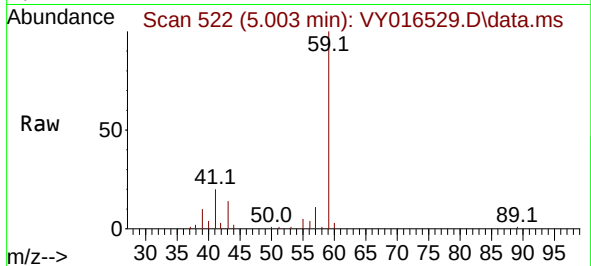




#11
Tert butyl alcohol
Concen: 290.977 ug/l
RT: 5.003 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

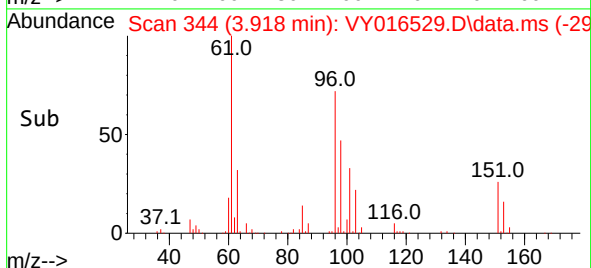
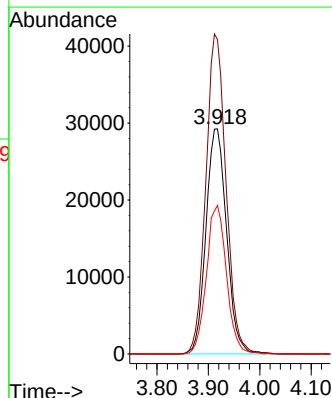
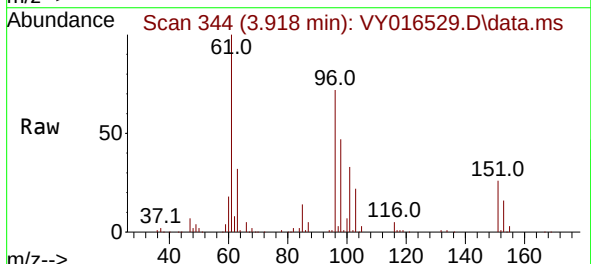
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

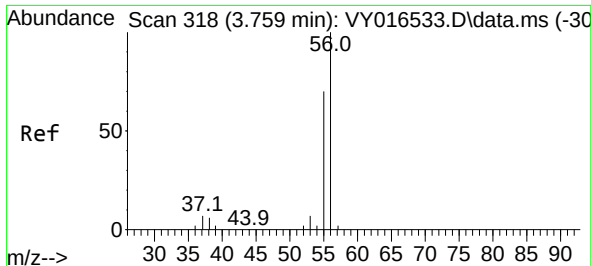
Tgt Ion: 59 Resp: 25543
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.805 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 96 Resp: 81808
Ion Ratio Lower Upper
96 100
61 139.7 136.4 204.6
98 65.9 49.4 74.2





#13

Acrolein

Concen: 313.632 ug/l

RT: 3.765 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

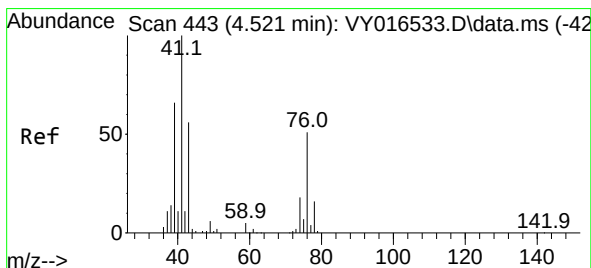
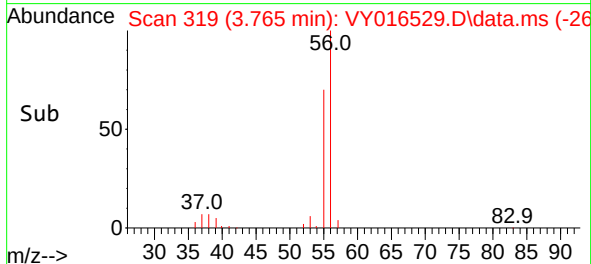
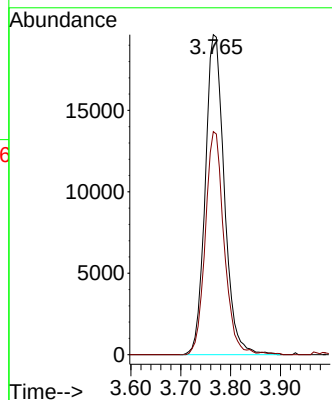
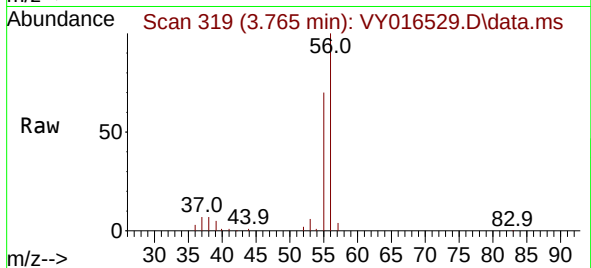
VSTDICC050

Tgt Ion: 56 Resp: 52170

Ion Ratio Lower Upper

56 100

55 68.4 57.0 85.4



#14

Allyl chloride

Concen: 53.625 ug/l

RT: 4.527 min Scan# 444

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

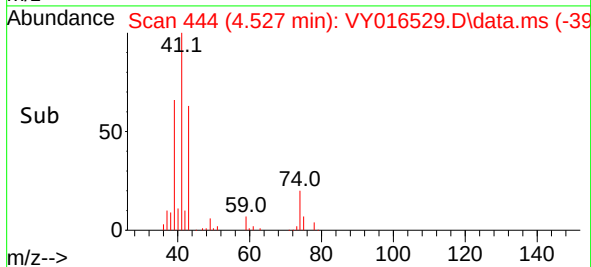
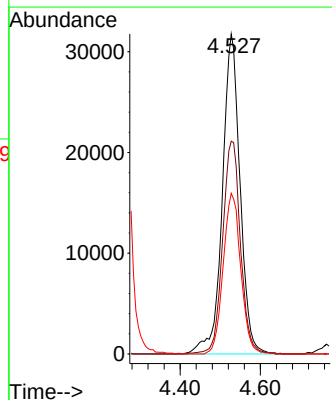
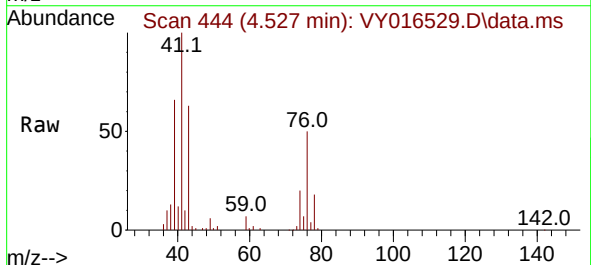
Tgt Ion: 41 Resp: 97351

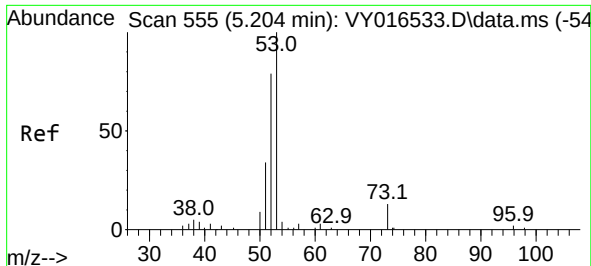
Ion Ratio Lower Upper

41 100

39 66.8 58.0 87.0

76 49.7 27.4 41.2#

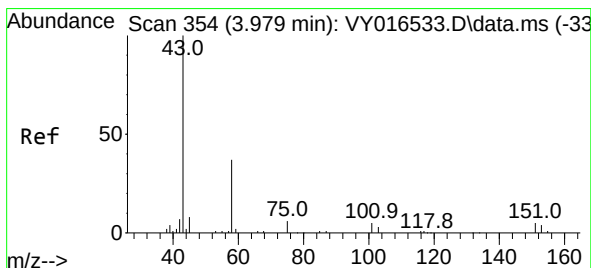
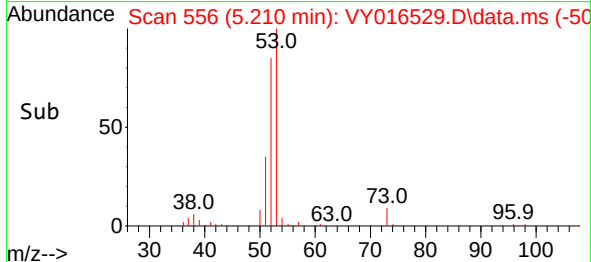
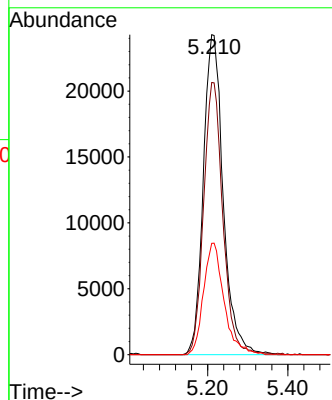
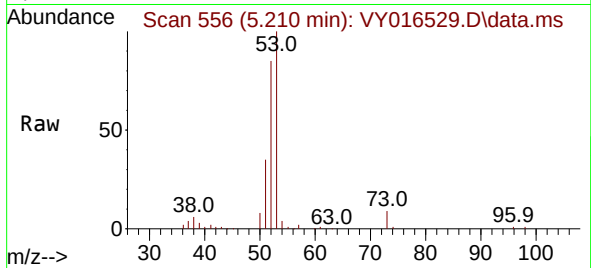




#15
Acrylonitrile
Concen: 298.828 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

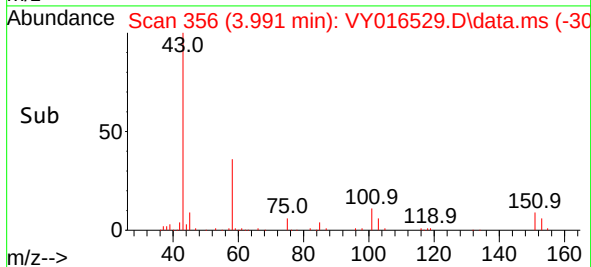
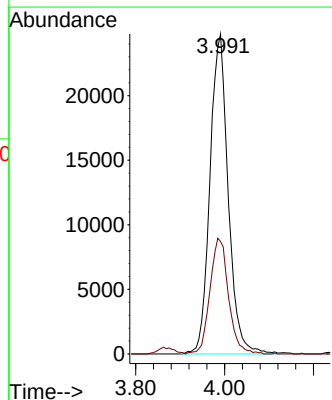
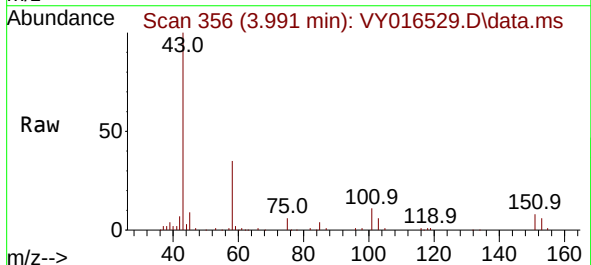
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC050

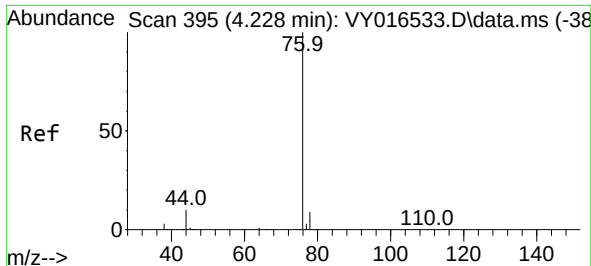
Tgt Ion: 53	Resp: 83601
Ion Ratio	Lower Upper
53	100
52	82.1 66.9 100.3
51	35.9 29.8 44.6



#16
Acetone
Concen: 264.923 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 43	Resp: 70671
Ion Ratio	Lower Upper
43	100
58	35.1 22.7 34.1#





#17

Carbon Disulfide

Concen: 52.031 ug/l

RT: 4.241 min Scan# 395

Delta R.T. 0.012 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

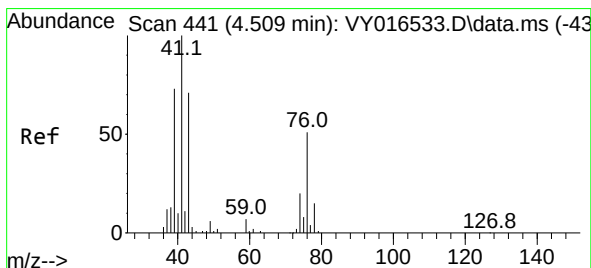
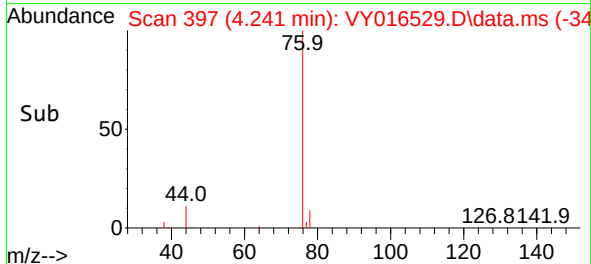
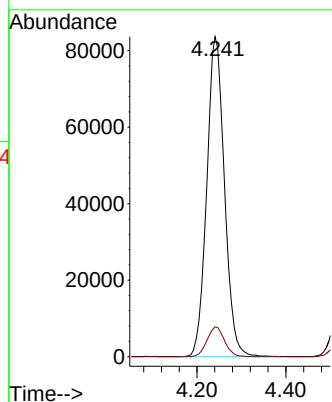
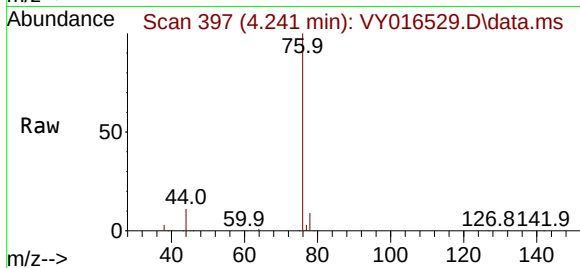
VSTDICC050

Tgt Ion: 76 Resp: 231813

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 62.133 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.012 min

Lab File: VY016529.D

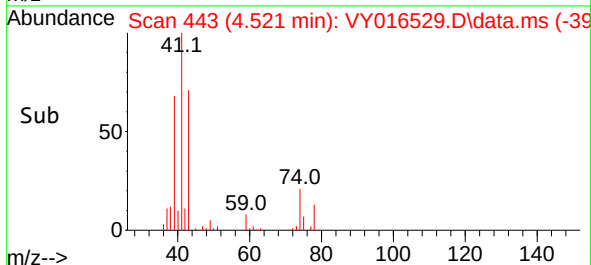
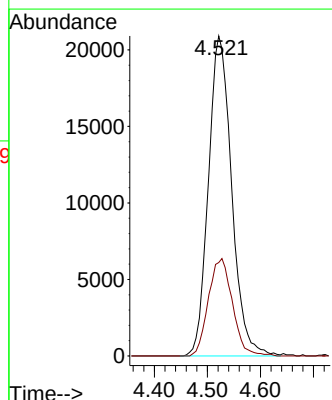
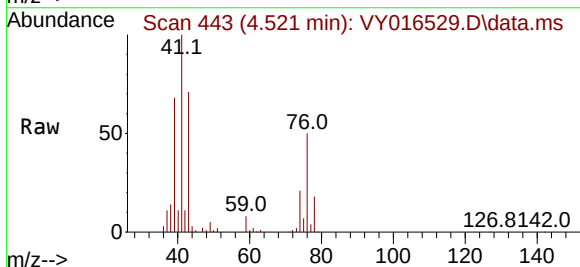
Acq: 29 Nov 2023 09:56

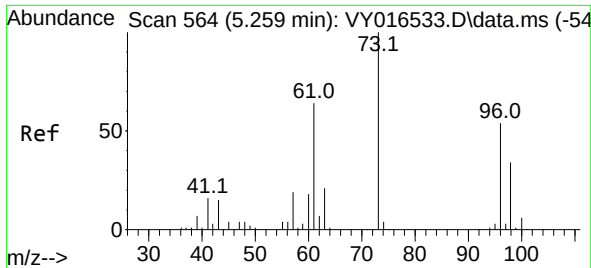
Tgt Ion: 43 Resp: 63699

Ion Ratio Lower Upper

43 100

74 31.5 17.4 26.0#

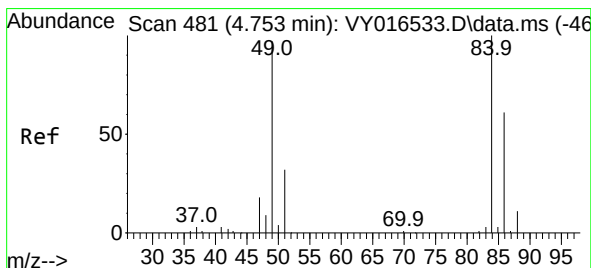
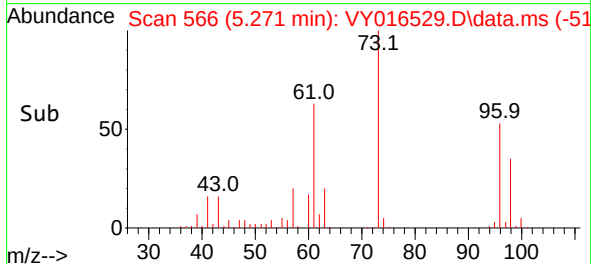
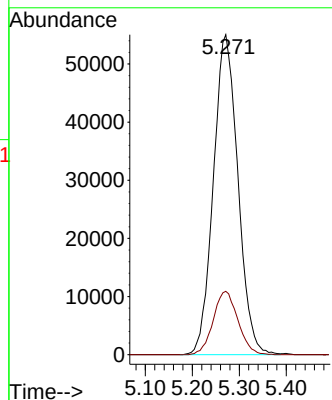
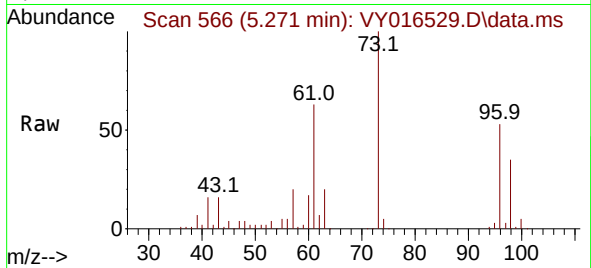




#19
Methyl tert-butyl Ether
Concen: 58.046 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

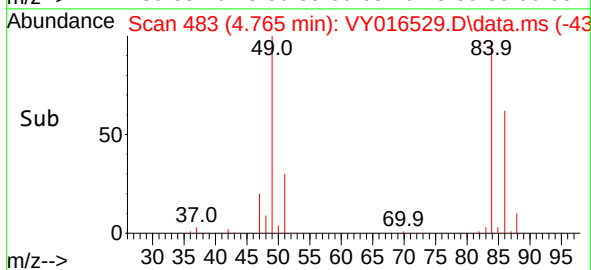
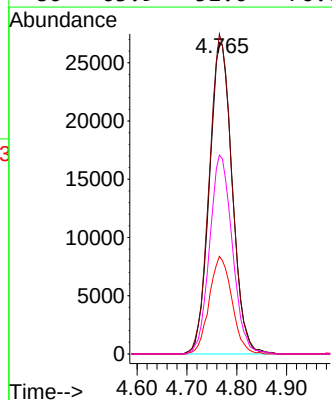
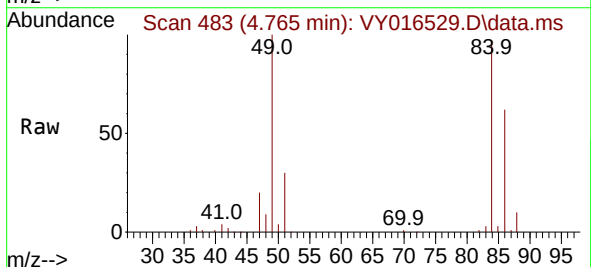
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

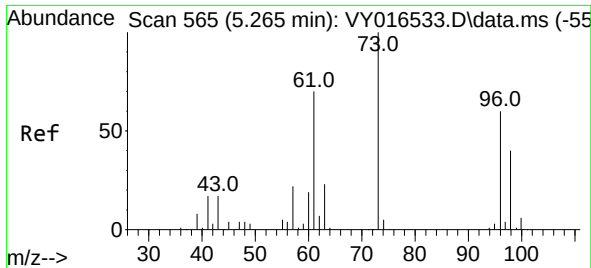
Tgt Ion: 73 Resp: 199754
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9



#20
Methylene Chloride
Concen: 52.838 ug/l
RT: 4.765 min Scan# 483
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 84 Resp: 85329
Ion Ratio Lower Upper
84 100
49 102.8 106.9 160.3#
51 31.3 33.2 49.8#
86 63.9 51.0 76.6

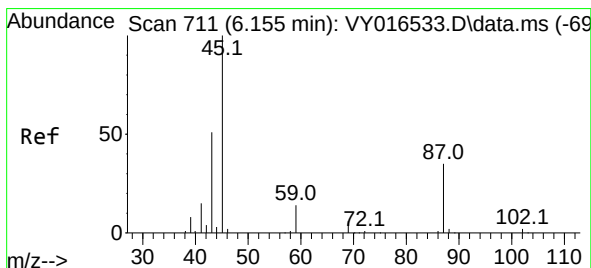
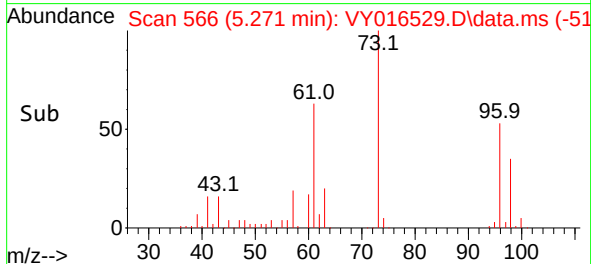
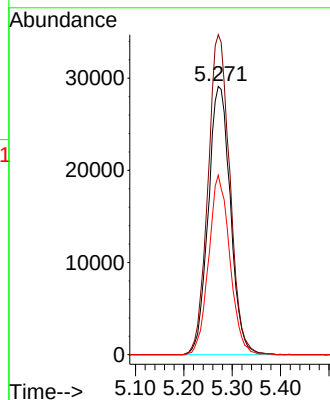
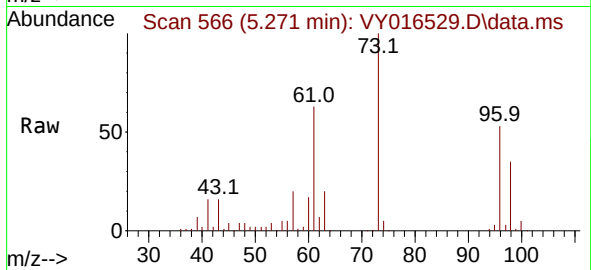




#21
trans-1,2-Dichloroethene
Concen: 52.585 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

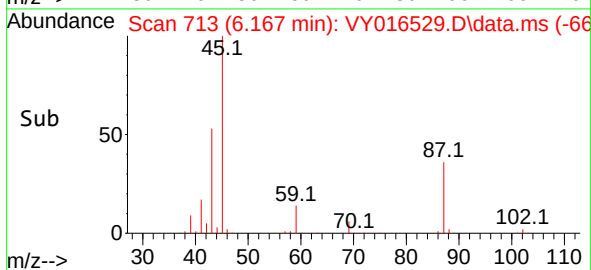
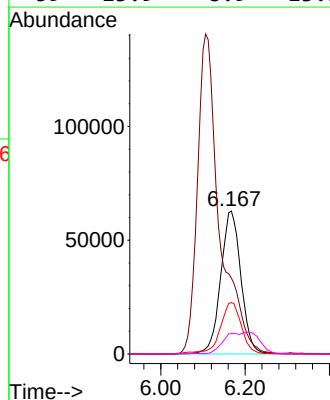
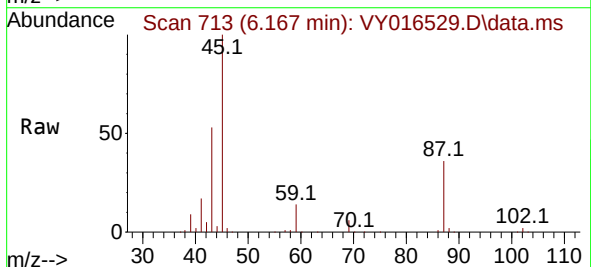
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

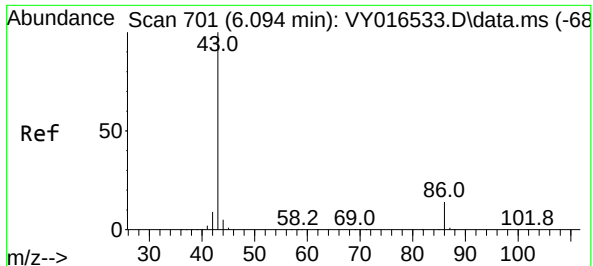
Tgt Ion: 96 Resp: 92489
Ion Ratio Lower Upper
96 100
61 119.2 110.2 165.4
98 66.9 51.8 77.6



#22
Diisopropyl ether
Concen: 54.829 ug/l
RT: 6.167 min Scan# 713
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 45 Resp: 208715
Ion Ratio Lower Upper
45 100
43 52.6 52.2 78.4
87 35.9 21.0 31.6#
59 13.9 8.9 13.3#

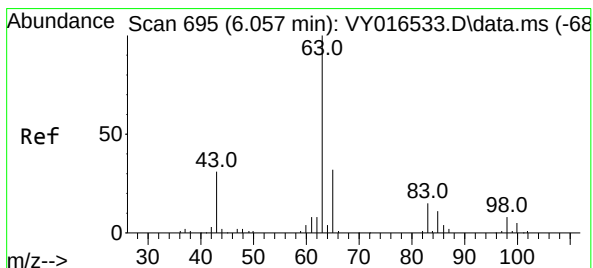
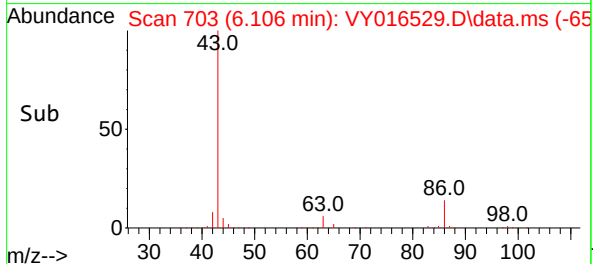
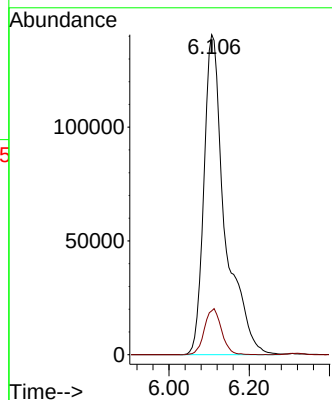
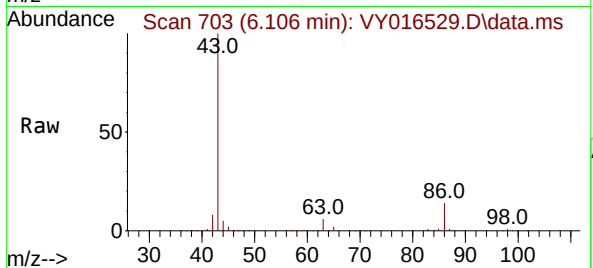




#23
 Vinyl Acetate
 Concen: 292.413 ug/l
 RT: 6.106 min Scan# 701
 Delta R.T. 0.012 min
 Lab File: VY016529.D
 Acq: 29 Nov 2023 09:56

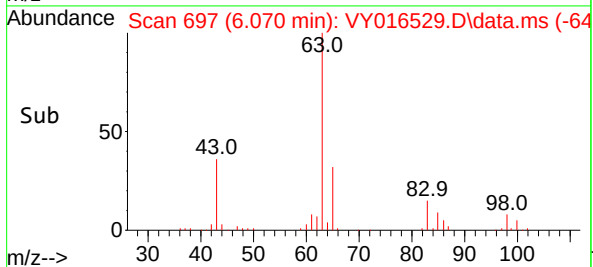
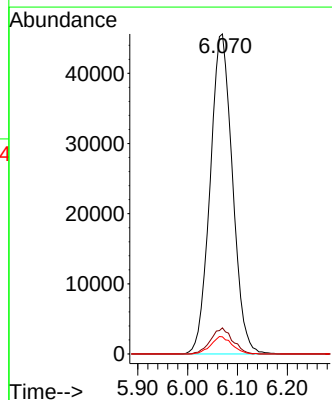
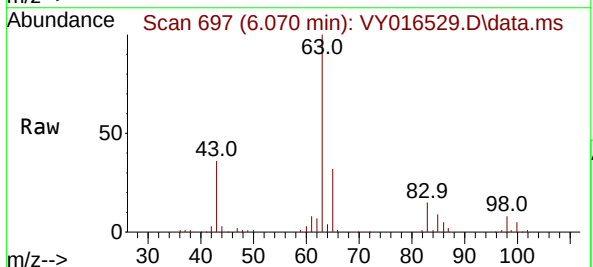
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC050

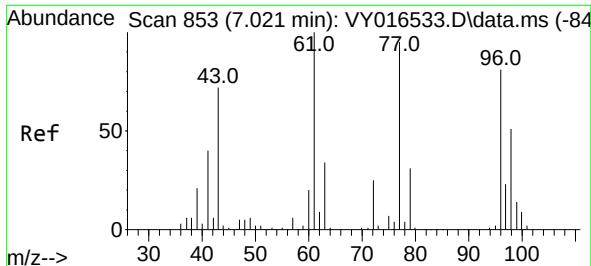
Tgt Ion: 43 Resp: 513314
 Ion Ratio Lower Upper
 43 100
 86 13.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 52.826 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.012 min
 Lab File: VY016529.D
 Acq: 29 Nov 2023 09:56

Tgt Ion: 63 Resp: 141916
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 5.4 1.8 5.5

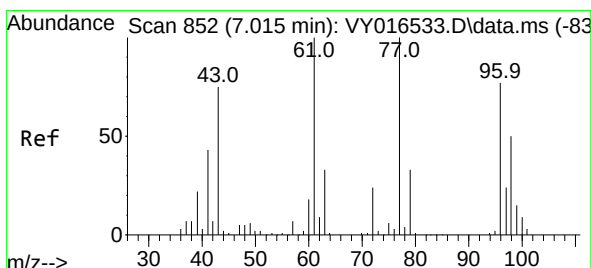
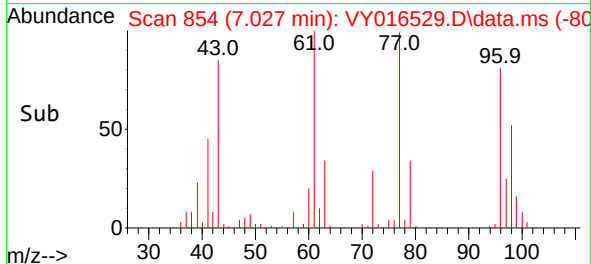
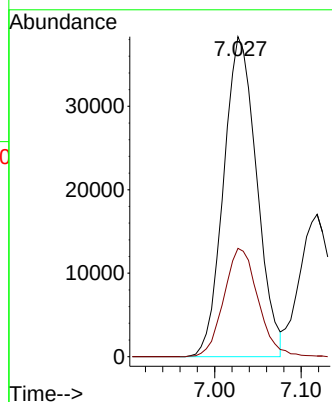
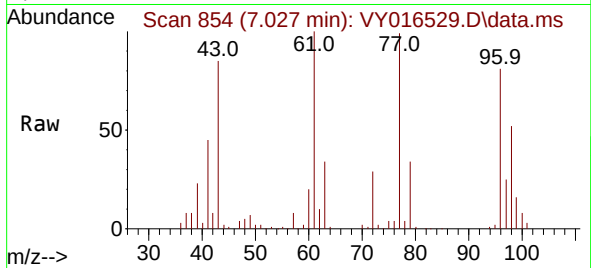




#25
2-Butanone
Concen: 273.007 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

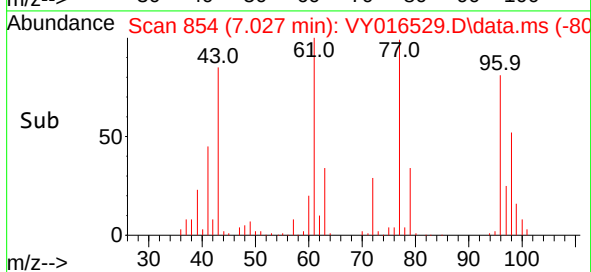
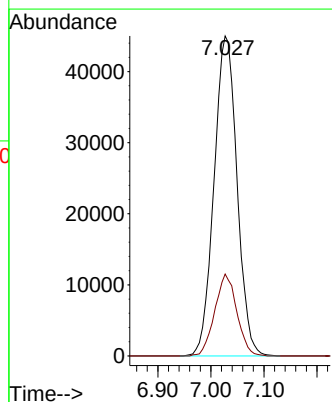
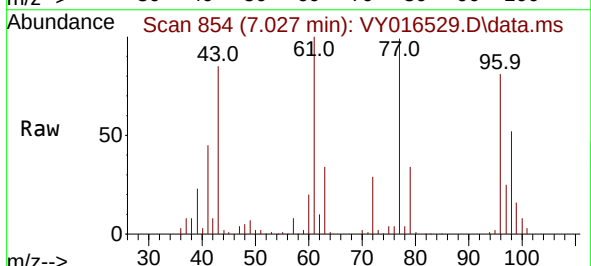
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

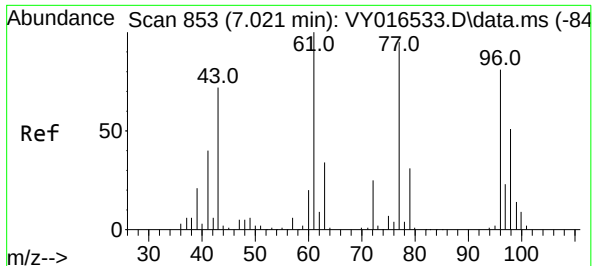
Tgt Ion: 43 Resp: 102017
Ion Ratio Lower Upper
43 100
72 33.9 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 51.057 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 77 Resp: 135563
Ion Ratio Lower Upper
77 100
97 24.5 10.9 32.9

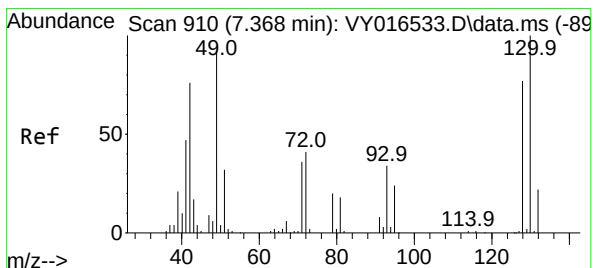
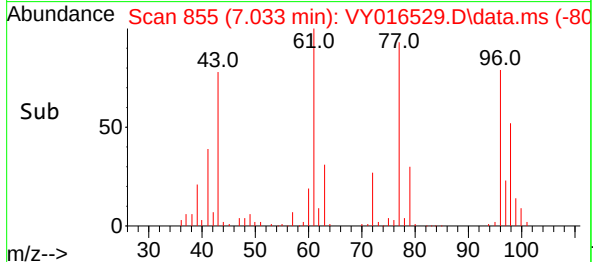
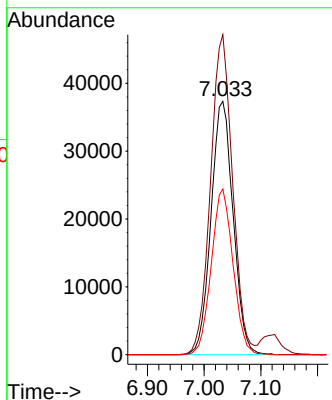
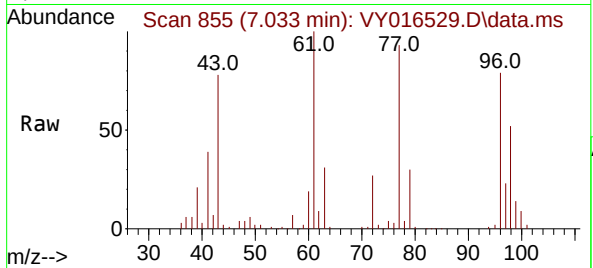




#27
 cis-1,2-Dichloroethene
 Concen: 53.538 ug/l
 RT: 7.033 min Scan# 853
 Delta R.T. 0.012 min
 Lab File: VY016529.D
 Acq: 29 Nov 2023 09:56

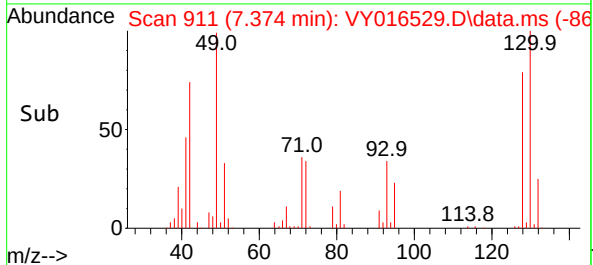
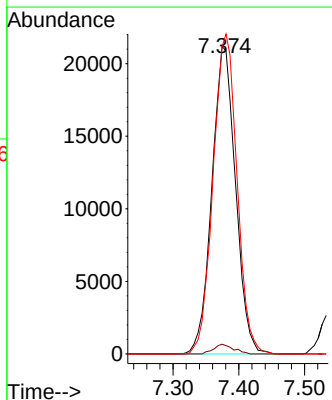
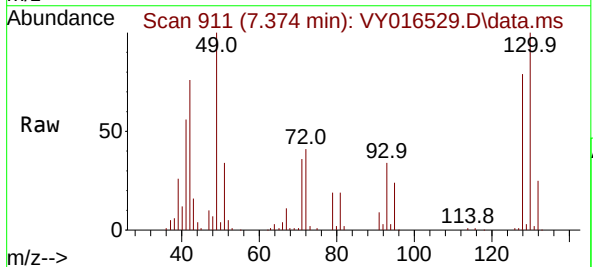
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC050

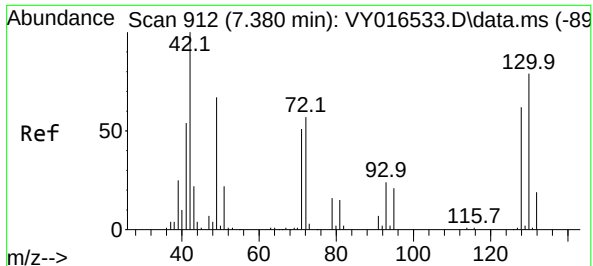
Tgt Ion: 96	Resp: 101166
Ion Ratio	Lower Upper
96 100	
61 125.8	0.0 301.4
98 64.3	0.0 130.4



#28
 Bromochloromethane
 Concen: 54.700 ug/l
 RT: 7.374 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VY016529.D
 Acq: 29 Nov 2023 09:56

Tgt Ion: 49	Resp: 53108		
Ion Ratio	Lower	Upper	
49 100			
129 2.6	0.0	4.6	
130 104.9	60.7	91.1#	





#29

Tetrahydrofuran

Concen: 322.277 ug/l

RT: 7.387 min Scan# 912

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

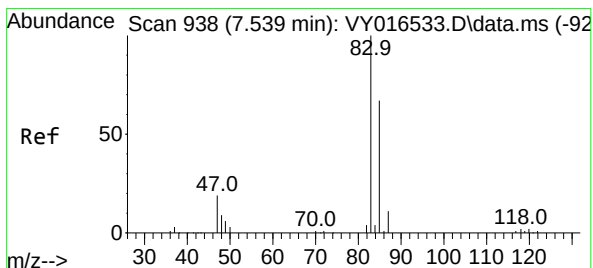
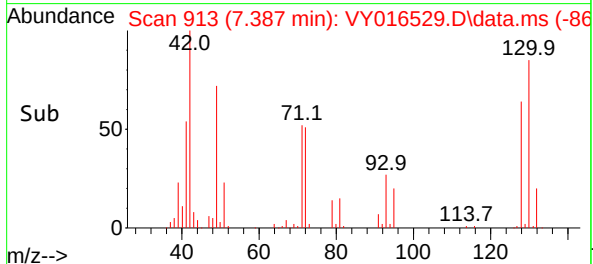
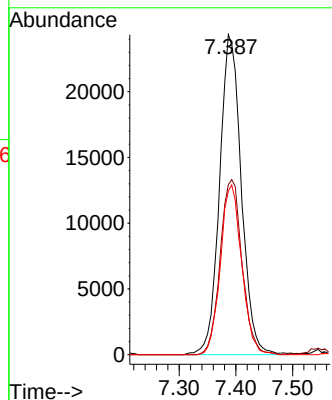
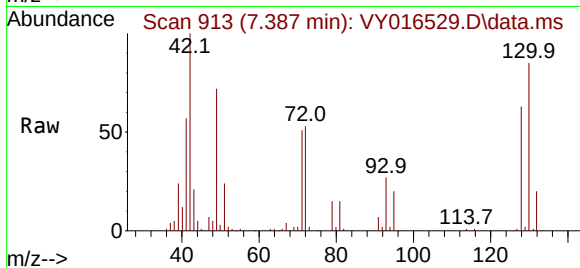
Tgt Ion: 42 Resp: 64696

Ion Ratio Lower Upper

42 100

72 55.1 32.8 49.2#

71 51.9 31.0 46.4#



#30

Chloroform

Concen: 52.783 ug/l

RT: 7.545 min Scan# 939

Delta R.T. 0.006 min

Lab File: VY016529.D

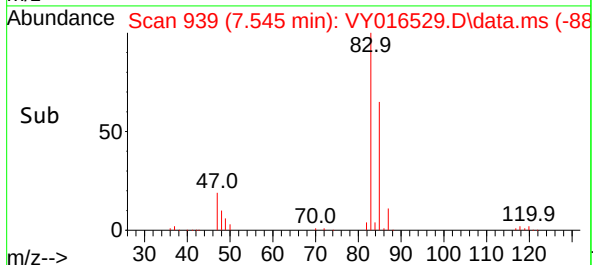
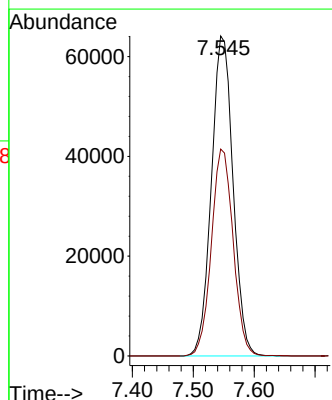
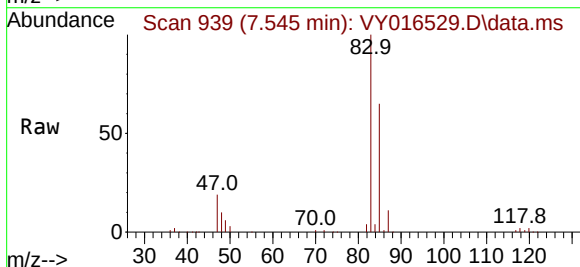
Acq: 29 Nov 2023 09:56

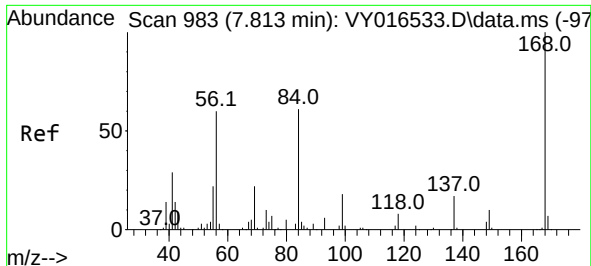
Tgt Ion: 83 Resp: 158046

Ion Ratio Lower Upper

83 100

85 64.7 49.7 74.5

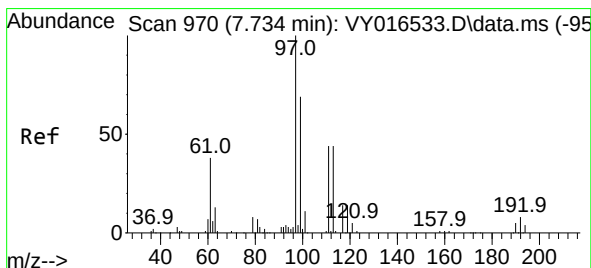
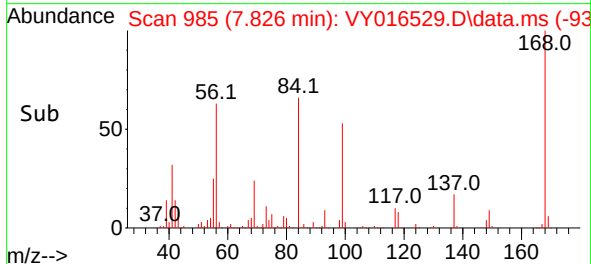
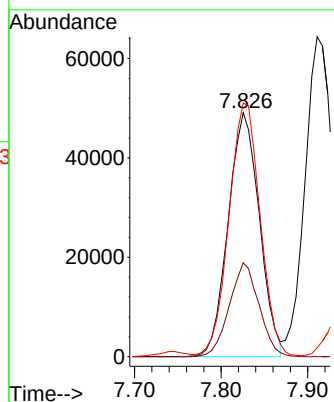
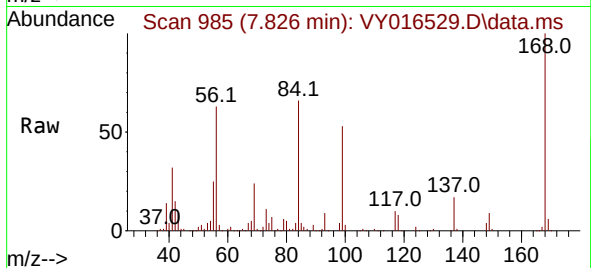




#31
Cyclohexane
Concen: 50.540 ug/l
RT: 7.826 min Scan# 985
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

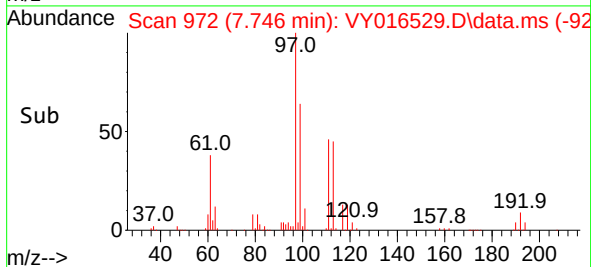
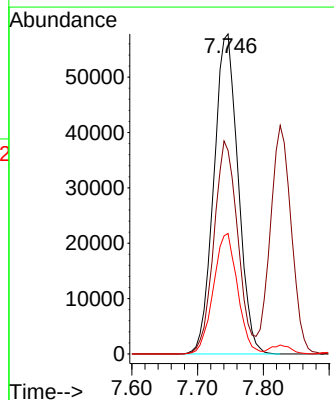
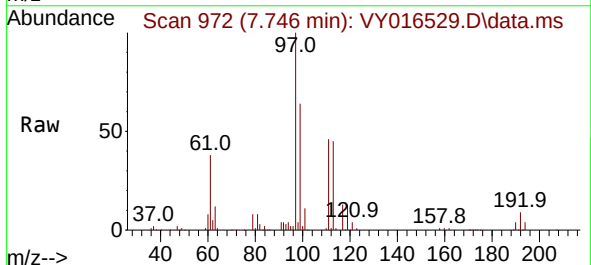
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC050

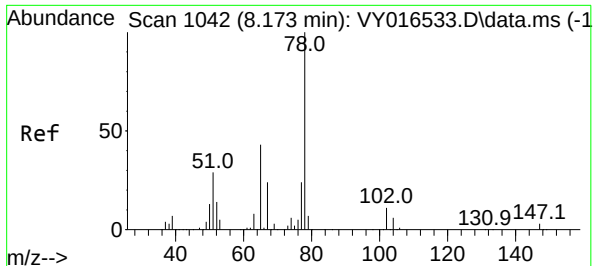
Tgt Ion: 56 Resp: 122889
Ion Ratio Lower Upper
56 100
69 38.5 27.8 41.6
84 102.4 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 51.183 ug/l
RT: 7.746 min Scan# 972
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 97 Resp: 148512
Ion Ratio Lower Upper
97 100
99 65.5 50.8 76.2
61 37.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.694 ug/l

RT: 8.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

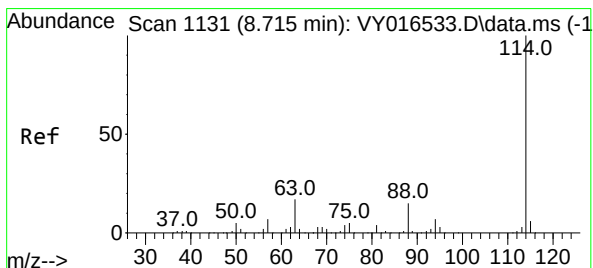
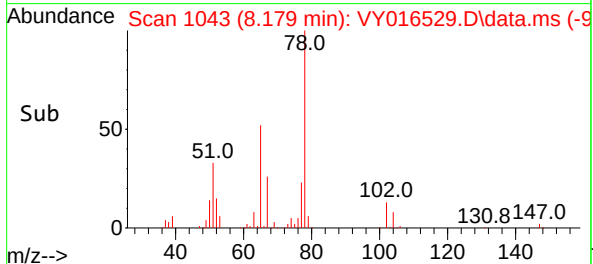
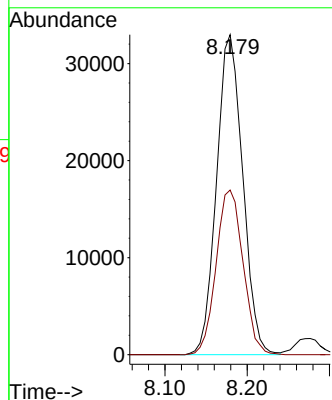
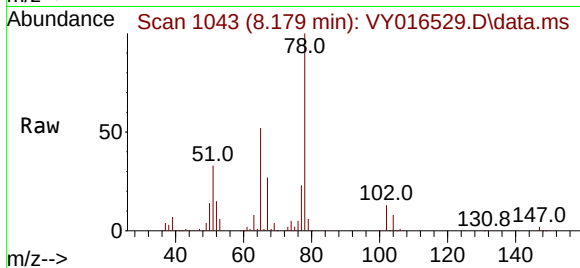
VSTDIC050

Tgt Ion: 65 Resp: 72982

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

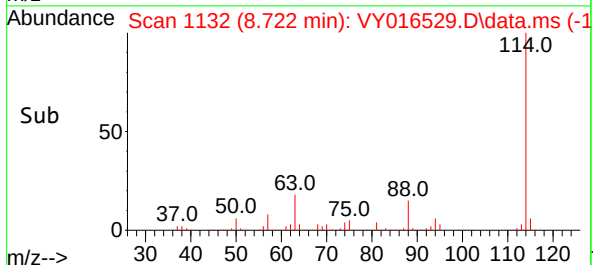
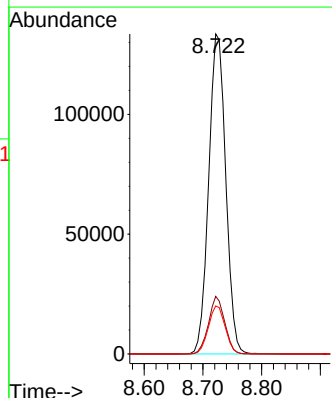
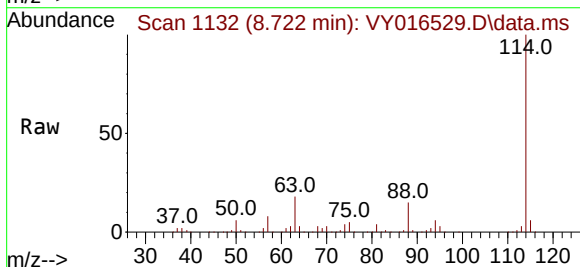
Tgt Ion: 114 Resp: 269324

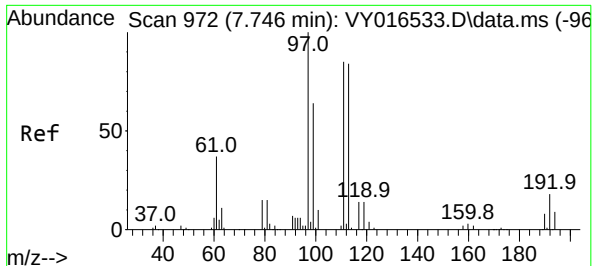
Ion Ratio Lower Upper

114 100

63 18.0 0.0 42.4

88 15.0 0.0 30.6

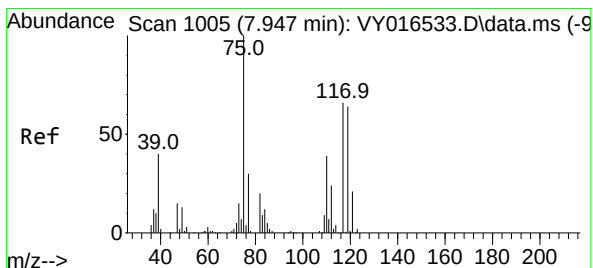
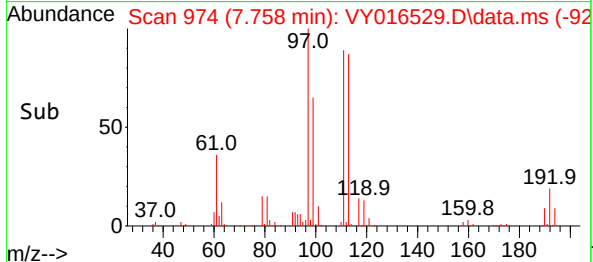
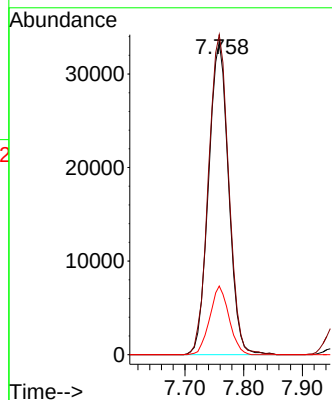
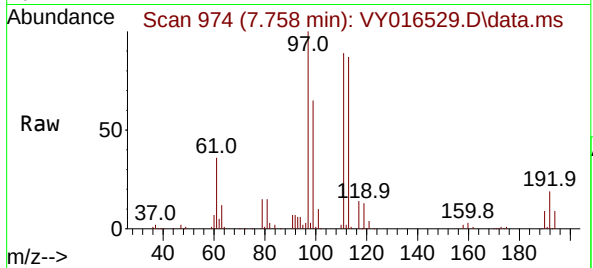




#35
Dibromofluoromethane
Concen: 50.009 ug/l
RT: 7.758 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

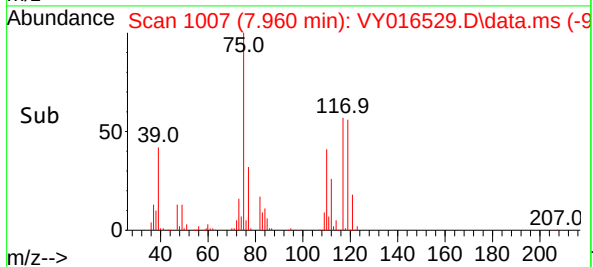
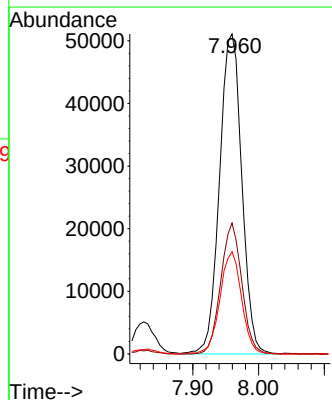
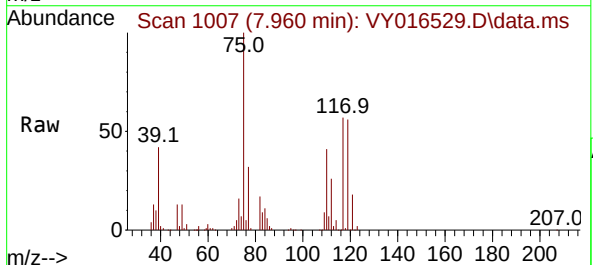
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

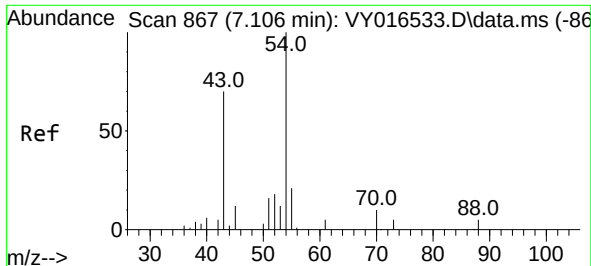
Tgt Ion:113 Resp: 79048
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 21.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.622 ug/l
RT: 7.960 min Scan# 1007
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 75 Resp: 120496
Ion Ratio Lower Upper
75 100
110 38.6 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 61.809 ug/l

RT: 7.118 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC050

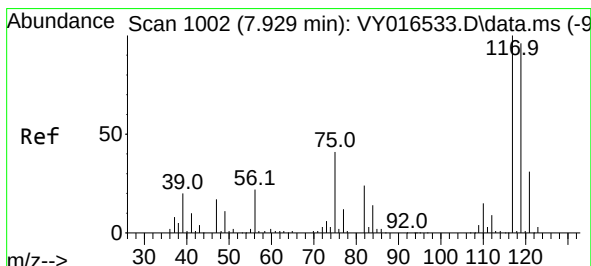
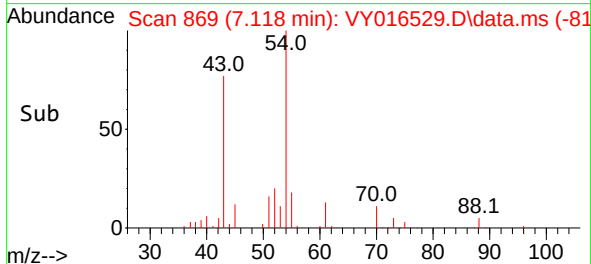
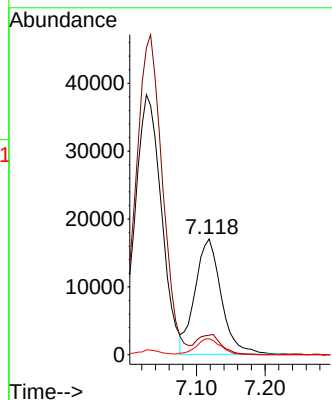
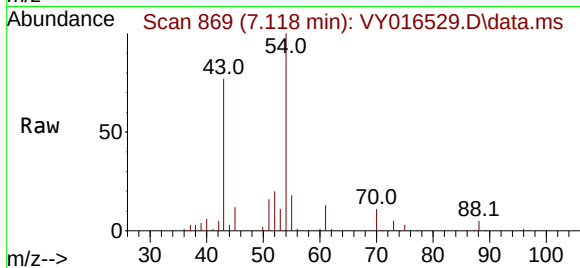
Tgt Ion: 43 Resp: 45219

Ion Ratio Lower Upper

43 100

61 16.8 10.1 15.1#

70 13.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.183 ug/l

RT: 7.941 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

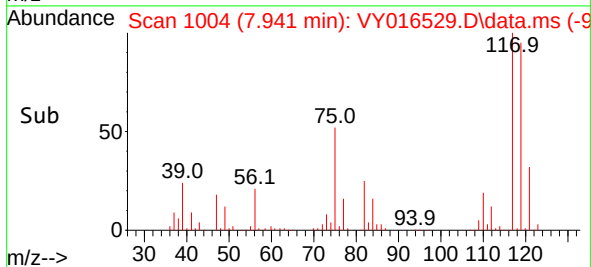
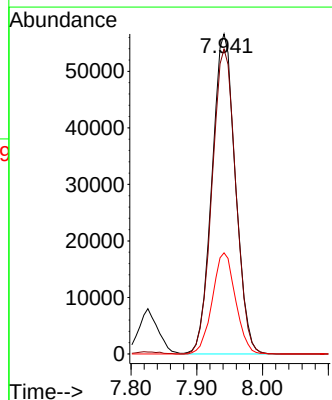
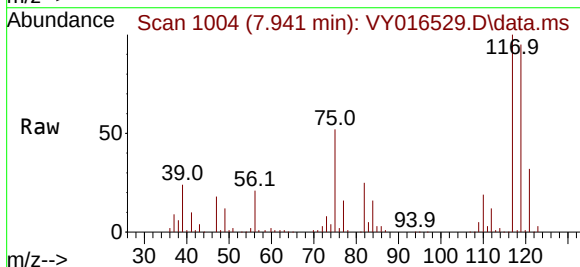
Tgt Ion: 117 Resp: 140224

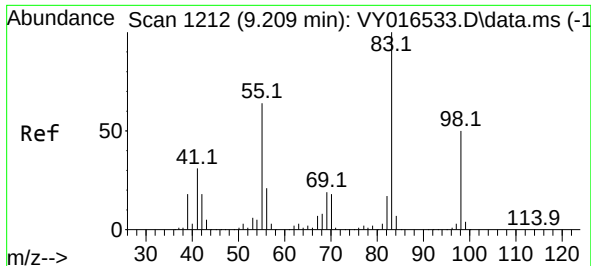
Ion Ratio Lower Upper

117 100

119 95.3 76.4 114.6

121 31.6 25.8 38.6





#39

Methylcyclohexane

Concen: 52.540 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

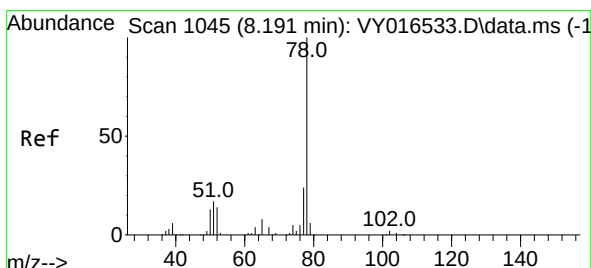
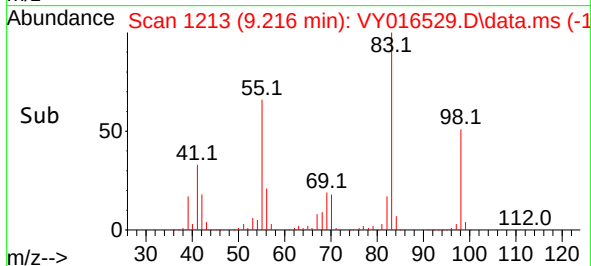
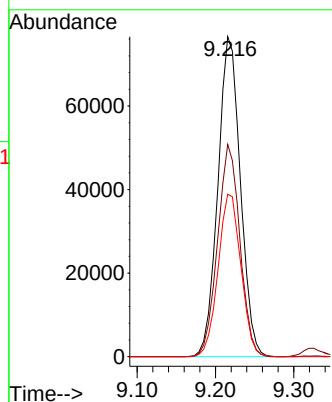
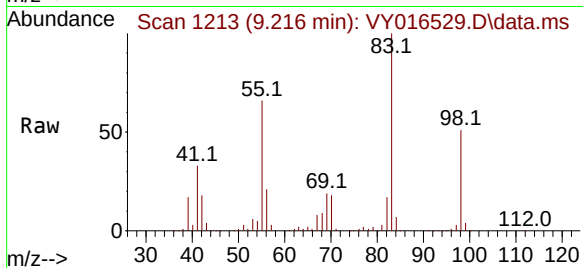
Tgt Ion: 83 Resp: 152970

Ion Ratio Lower Upper

83 100

55 66.3 63.0 94.4

98 50.7 37.4 56.2



#40

Benzene

Concen: 52.067 ug/l

RT: 8.197 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VY016529.D

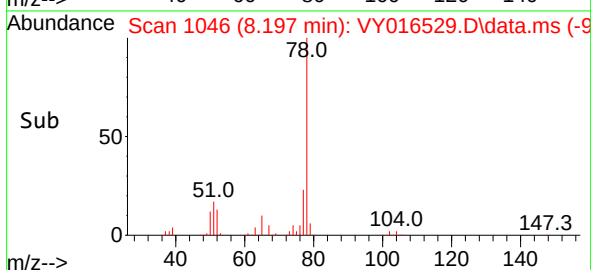
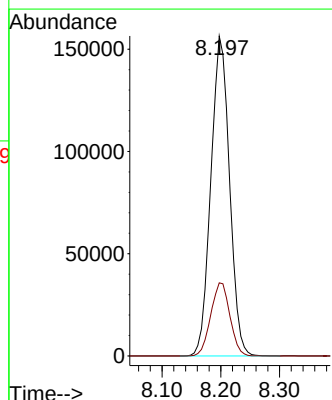
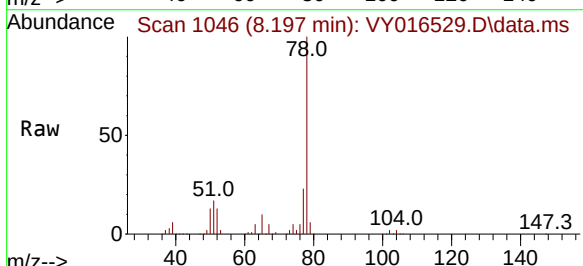
Acq: 29 Nov 2023 09:56

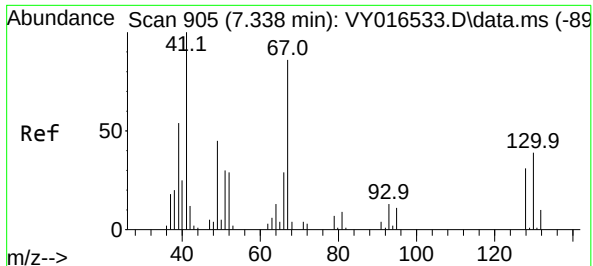
Tgt Ion: 78 Resp: 344591

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6



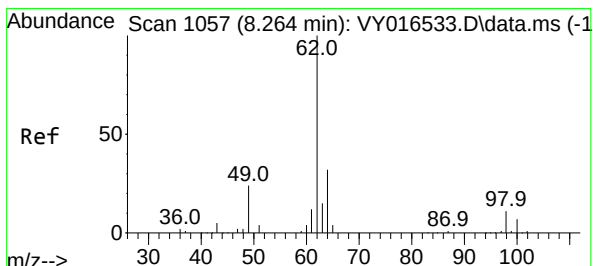
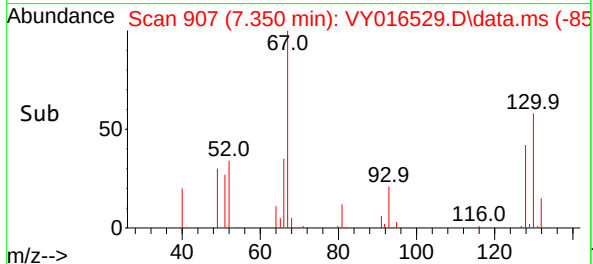
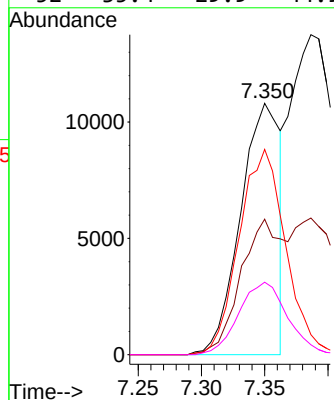
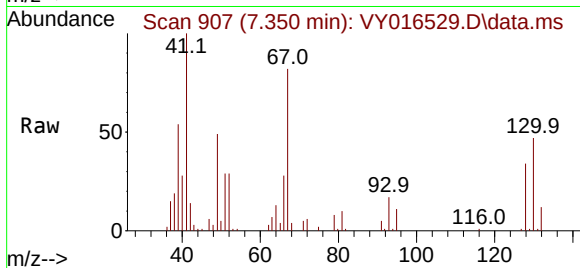


#41
Methacrylonitrile
Concen: 58.244 ug/l
RT: 7.350 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

Tgt Ion: 41 Resp: 23556

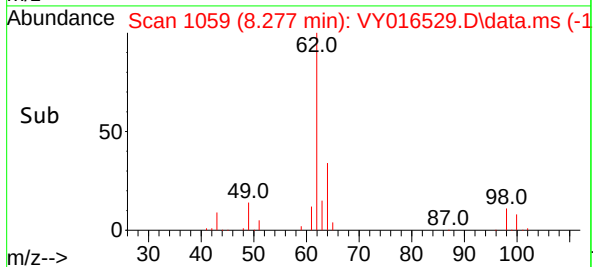
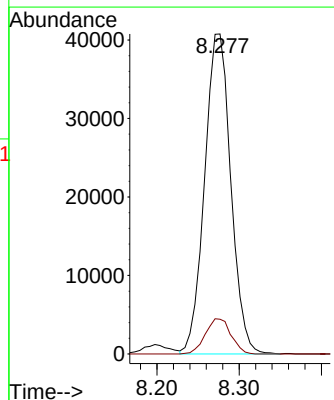
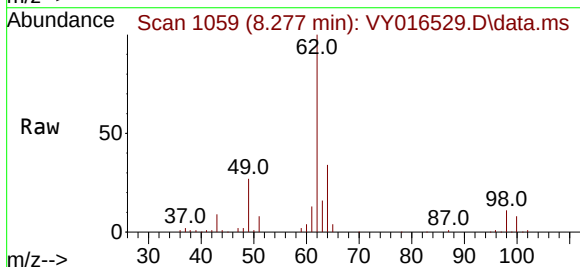
Ion	Ratio	Lower	Upper
41	100		
39	60.1	52.1	78.1
67	95.9	66.2	99.2
52	35.4	29.9	44.9

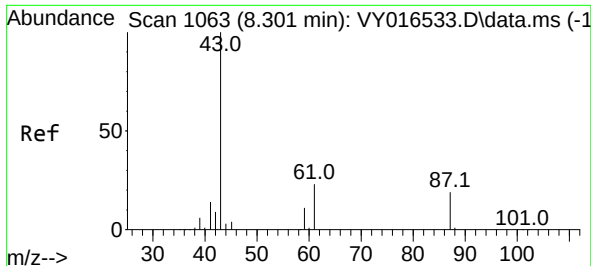


#42
1,2-Dichloroethane
Concen: 55.082 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 62 Resp: 90338

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	15.8





#43

Isopropyl Acetate

Concen: 61.135 ug/l

RT: 8.307 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

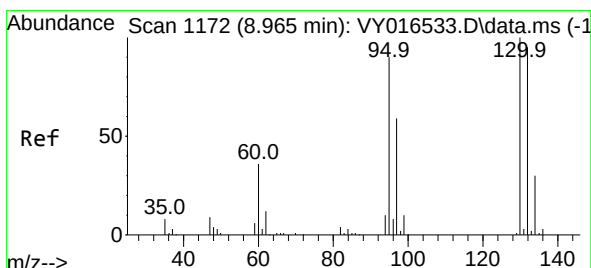
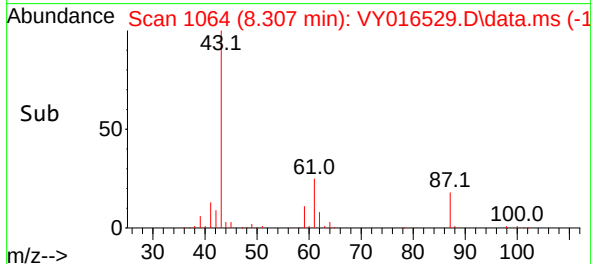
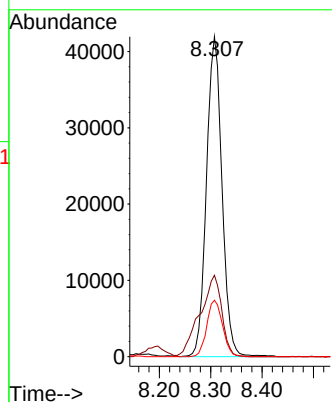
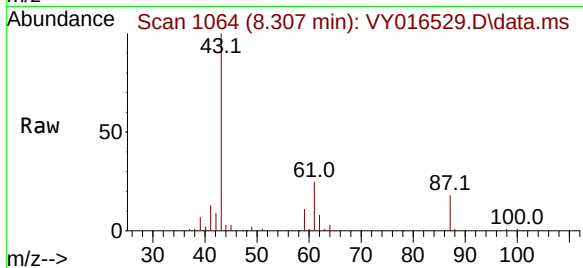
Tgt Ion: 43 Resp: 87950

Ion Ratio Lower Upper

43 100

61 35.6 21.1 31.7#

87 17.9 9.8 14.8#



#44

Trichloroethene

Concen: 51.638 ug/l

RT: 8.972 min Scan# 1173

Delta R.T. 0.006 min

Lab File: VY016529.D

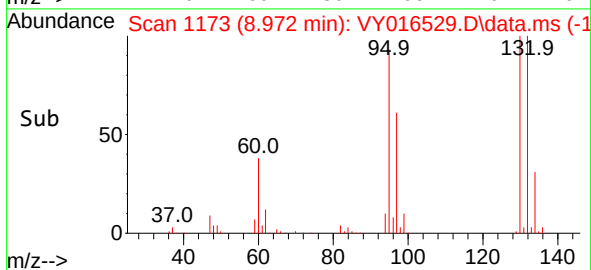
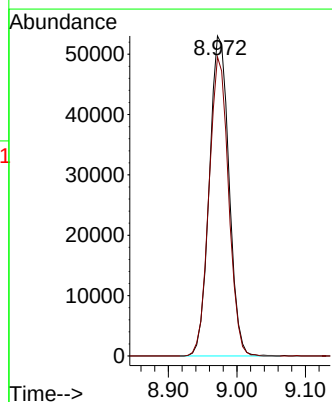
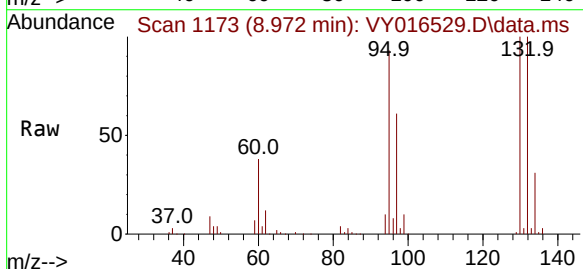
Acq: 29 Nov 2023 09:56

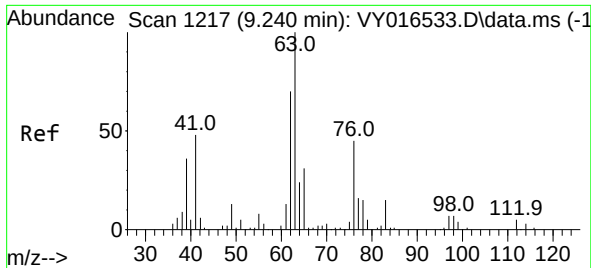
Tgt Ion:130 Resp: 105266

Ion Ratio Lower Upper

130 100

95 93.5 0.0 196.0

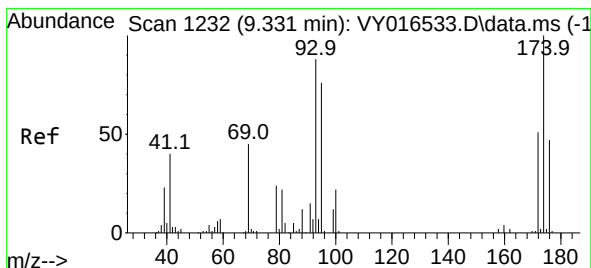
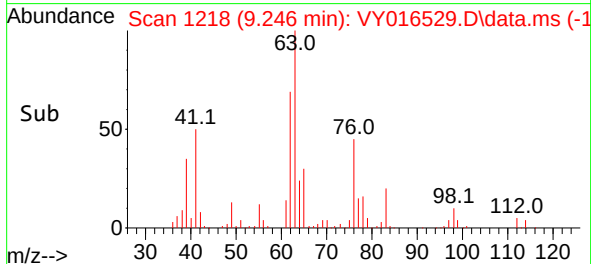
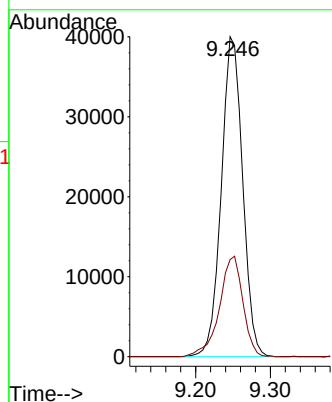
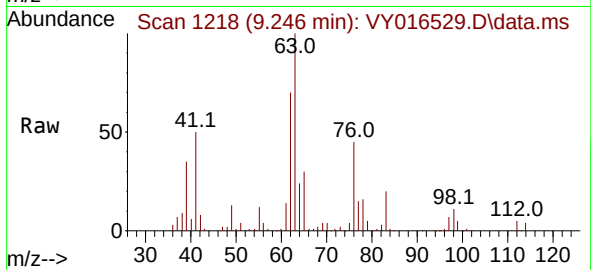




#45
1,2-Dichloropropane
Concen: 53.190 ug/l
RT: 9.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

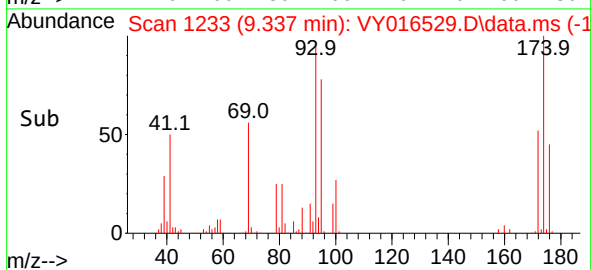
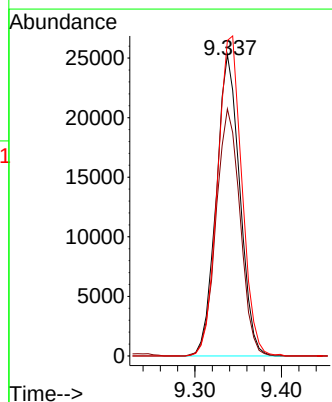
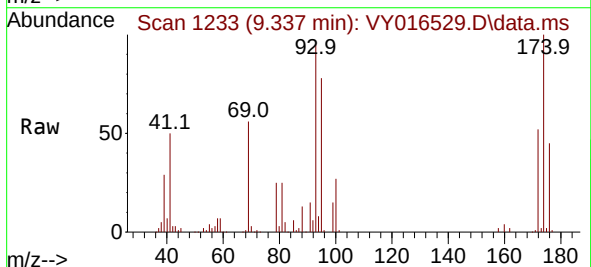
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

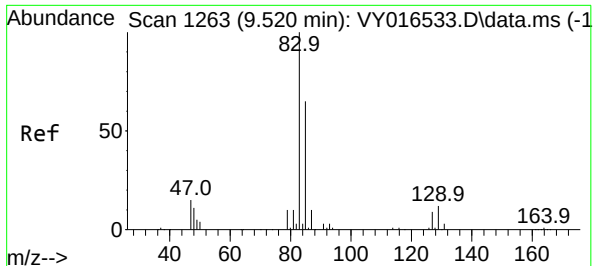
Tgt Ion: 63 Resp: 79434
Ion Ratio Lower Upper
63 100
65 30.4 23.8 35.6



#46
Dibromomethane
Concen: 56.713 ug/l
RT: 9.337 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 93 Resp: 47624
Ion Ratio Lower Upper
93 100
95 83.8 66.6 100.0
174 109.8 84.8 127.2





#47

Bromodichloromethane

Concen: 53.845 ug/l

RT: 9.526 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

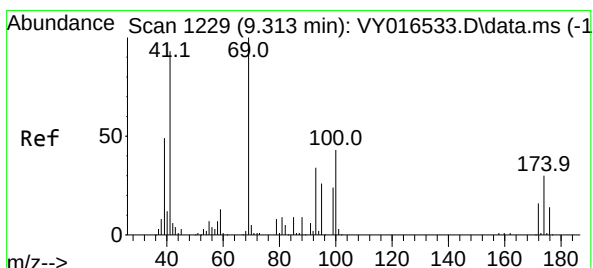
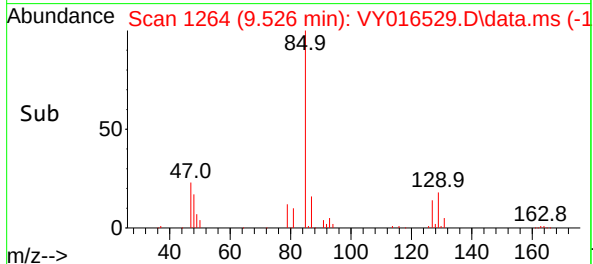
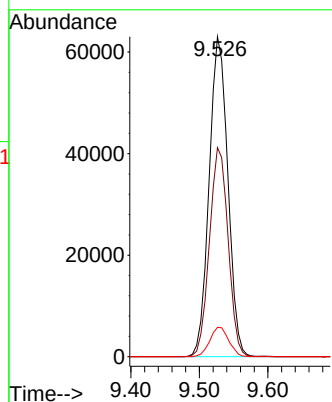
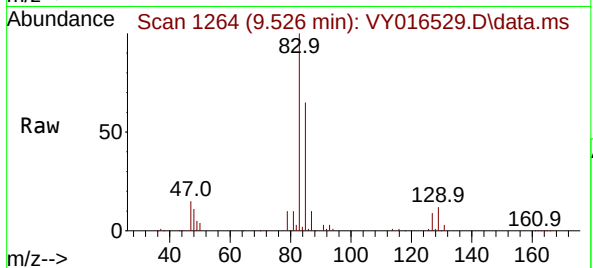
Tgt Ion: 83 Resp: 119379

Ion Ratio Lower Upper

83 100

85 65.3 50.1 75.1

127 9.2 7.1 10.7



#48

Methyl methacrylate

Concen: 61.031 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

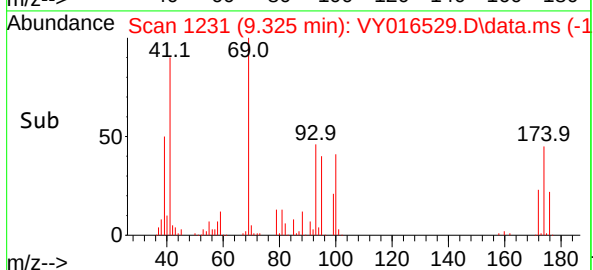
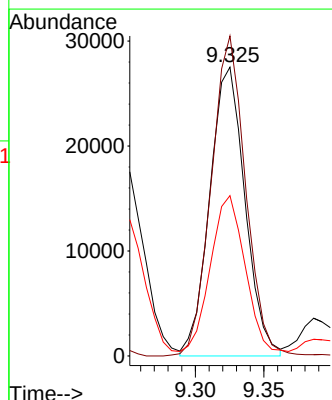
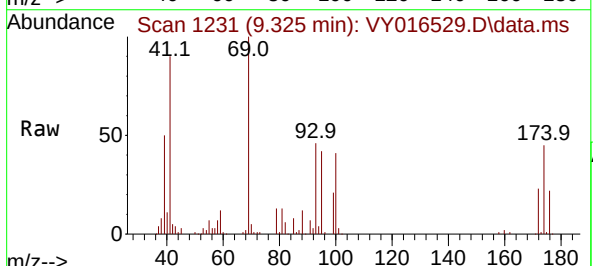
Tgt Ion: 41 Resp: 49292

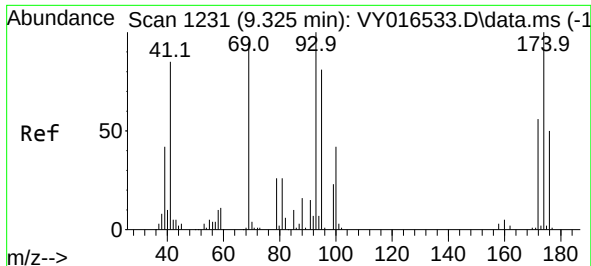
Ion Ratio Lower Upper

41 100

69 107.9 64.5 96.7

39 52.9 50.8 76.2





#49

1,4-Dioxane

Concen: 1176.304 ug/l

RT: 9.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

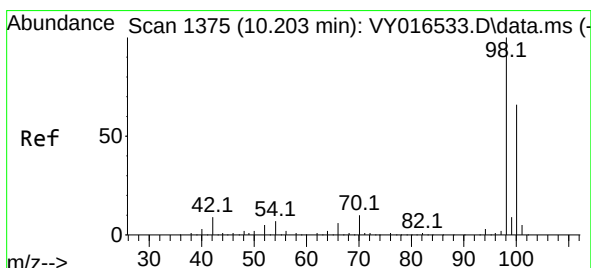
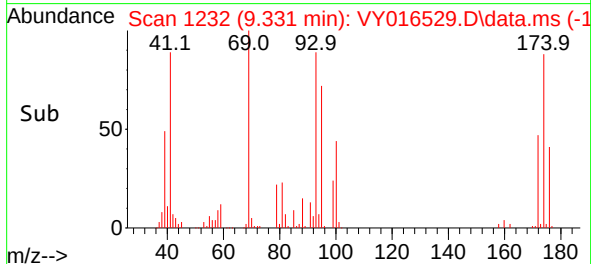
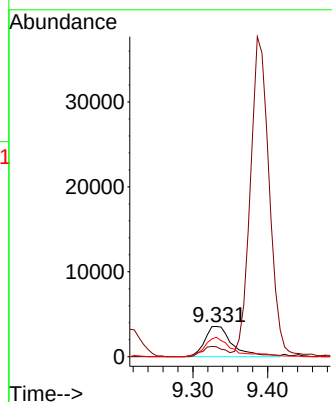
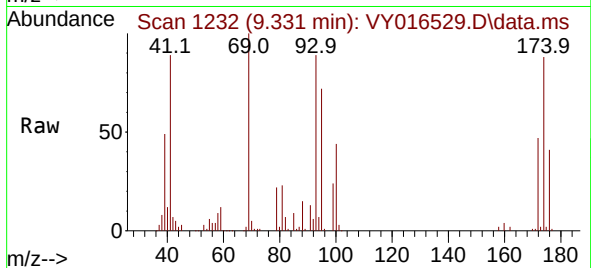
Tgt Ion: 88 Resp: 9147

Ion Ratio Lower Upper

88 100

43 27.4 0.0 0.0#

58 58.1 30.9 46.3#



#50

Toluene-d8

Concen: 49.763 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY016529.D

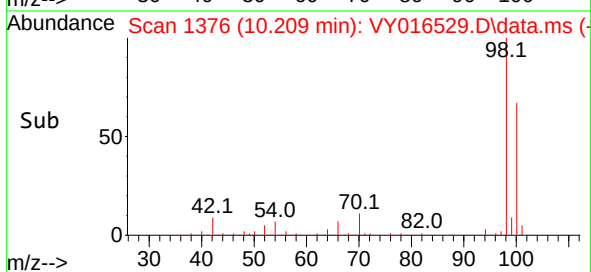
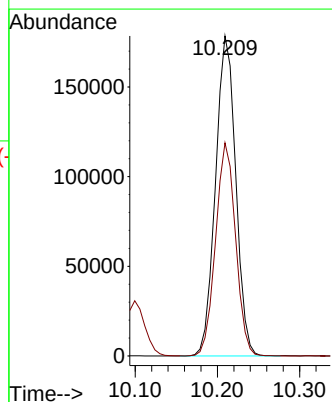
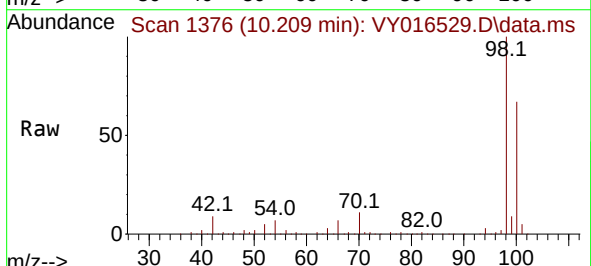
Acq: 29 Nov 2023 09:56

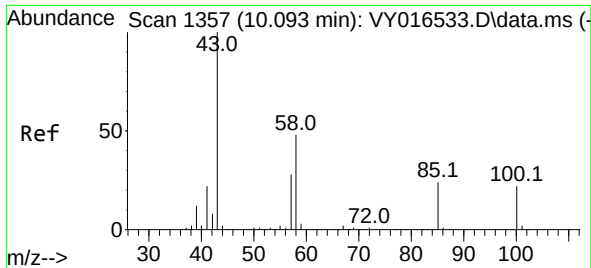
Tgt Ion: 98 Resp: 305087

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

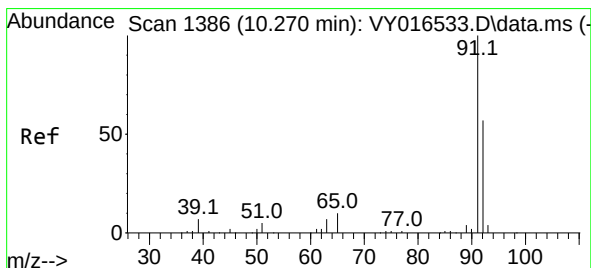
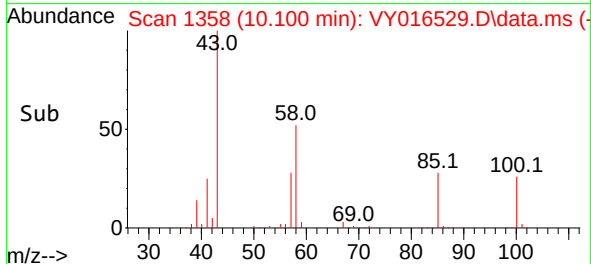
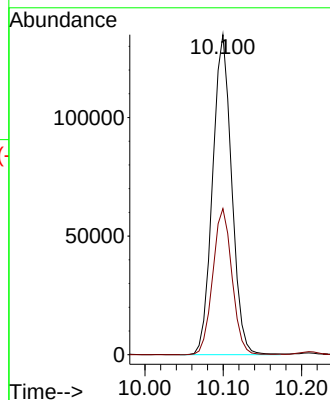
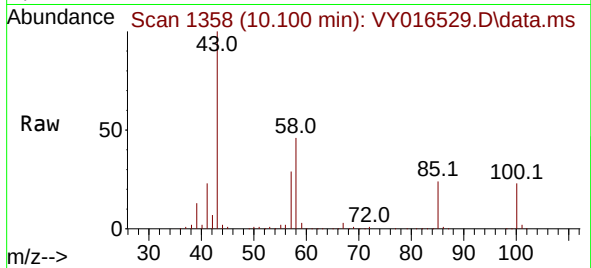




#51
4-Methyl-2-Pentanone
Concen: 304.166 ug/l
RT: 10.100 min Scan# 1357
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

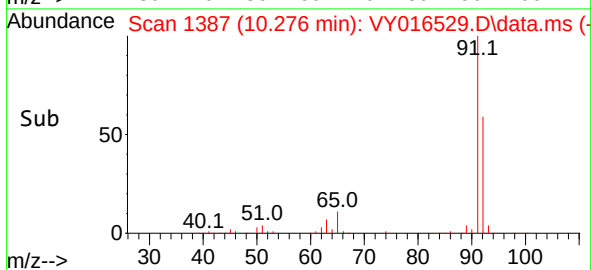
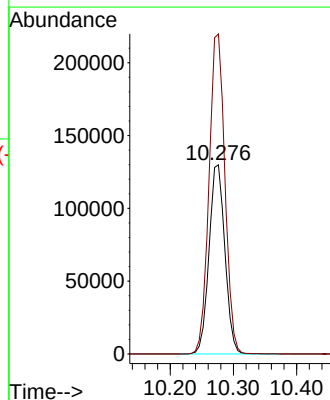
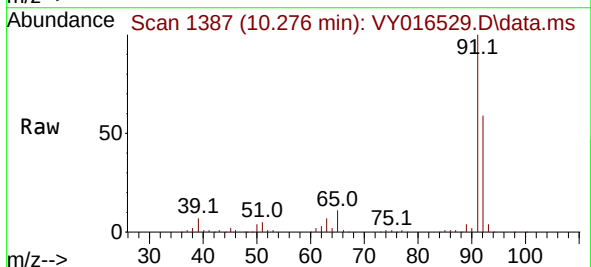
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

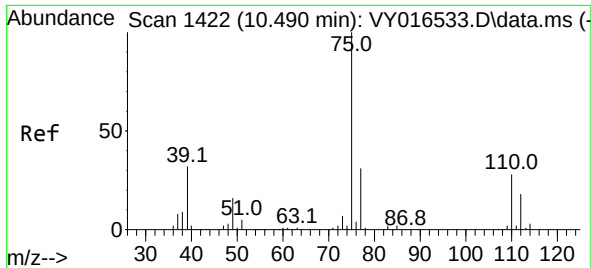
Tgt Ion: 43 Resp: 228275
Ion Ratio Lower Upper
43 100
58 45.9 29.0 43.6#



#52
Toluene
Concen: 53.123 ug/l
RT: 10.276 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 92 Resp: 225852
Ion Ratio Lower Upper
92 100
91 170.0 143.8 215.6

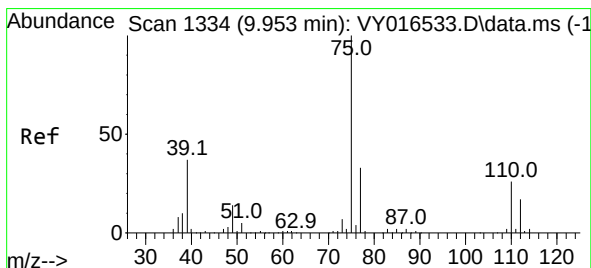
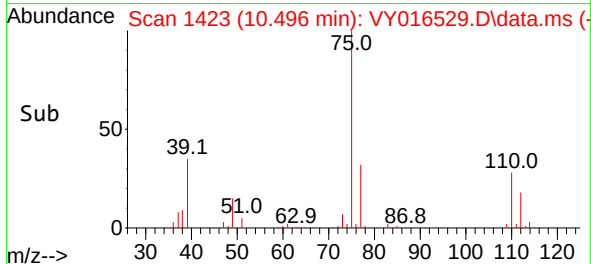
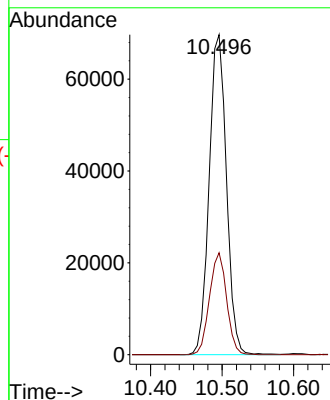
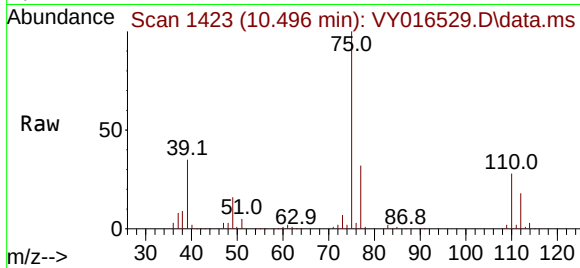




#53
 t-1,3-Dichloropropene
 Concen: 56.929 ug/l
 RT: 10.496 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY016529.D
 Acq: 29 Nov 2023 09:56

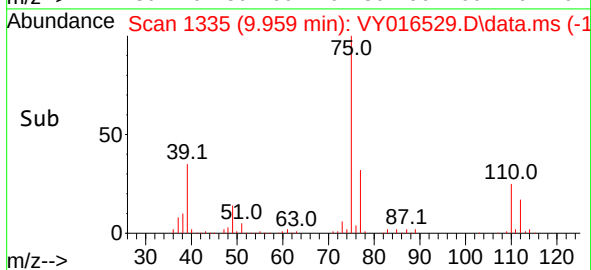
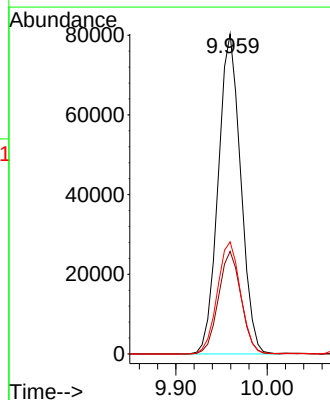
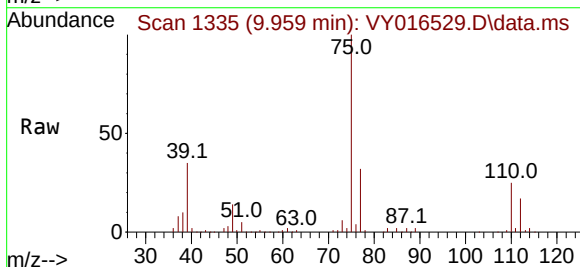
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC050

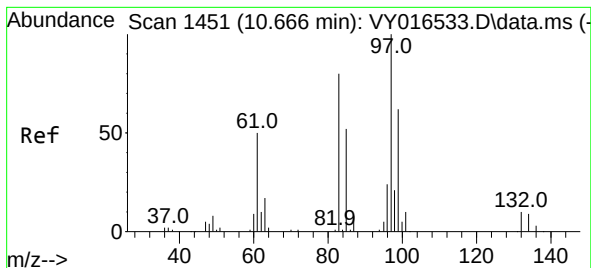
Tgt Ion: 75 Resp: 116958
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 55.257 ug/l
 RT: 9.959 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY016529.D
 Acq: 29 Nov 2023 09:56

Tgt Ion: 75 Resp: 137565
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 35.1 42.2 63.4#

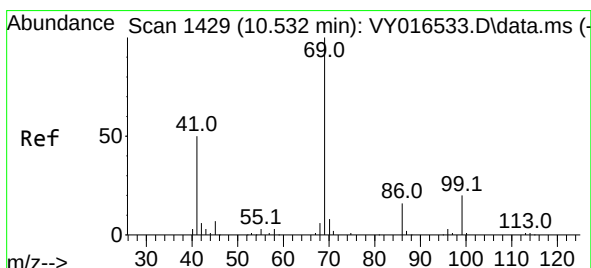
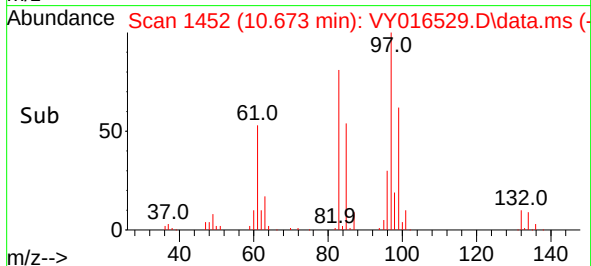
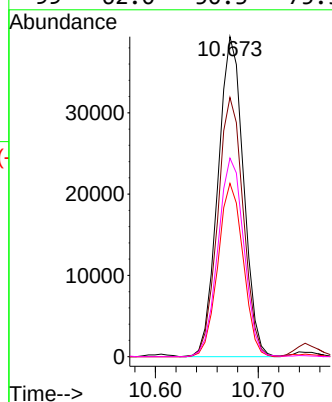
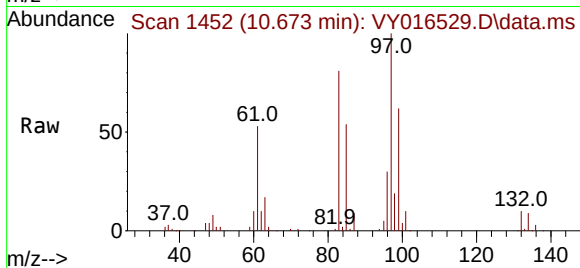




#55
1,1,2-Trichloroethane
Concen: 56.138 ug/l
RT: 10.673 min Scan# 1451
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

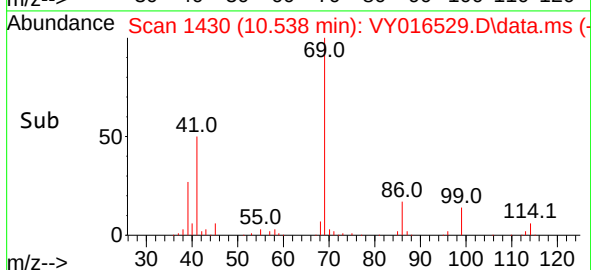
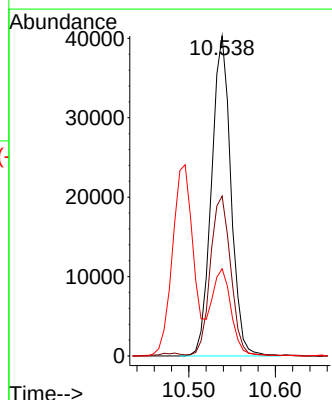
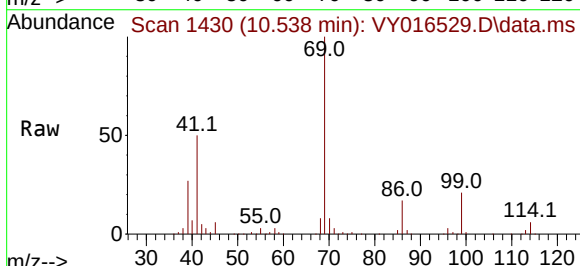
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

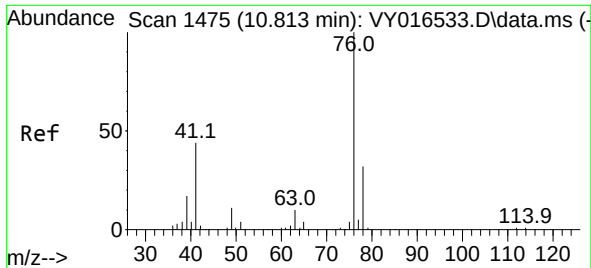
Tgt Ion:	97	Resp:	68024
Ion	Ratio	Lower	Upper
97	100		
83	81.0	72.0	108.0
85	54.2	45.4	68.0
99	62.0	50.3	75.5



#56
Ethyl methacrylate
Concen: 61.233 ug/l
RT: 10.538 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion:	69	Resp:	62791
Ion	Ratio	Lower	Upper
69	100		
41	52.7	57.6	86.4#
39	25.9	34.1	51.1#

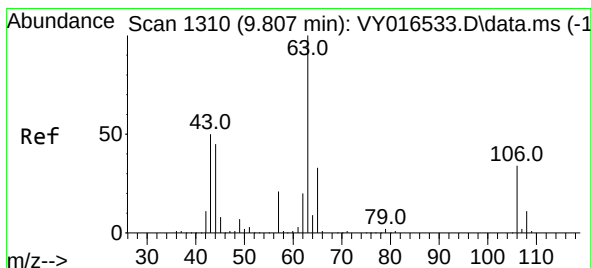
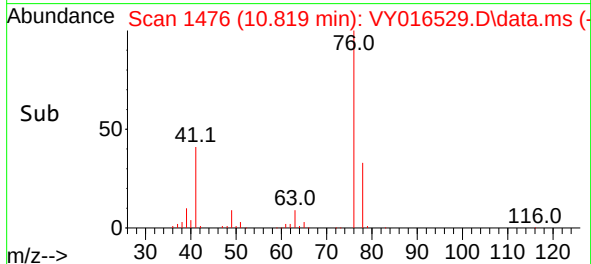
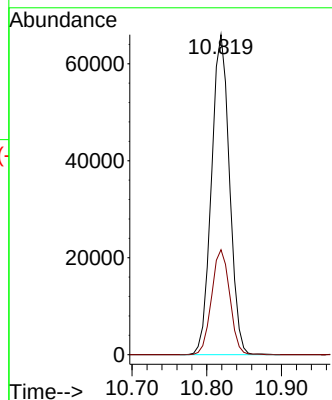
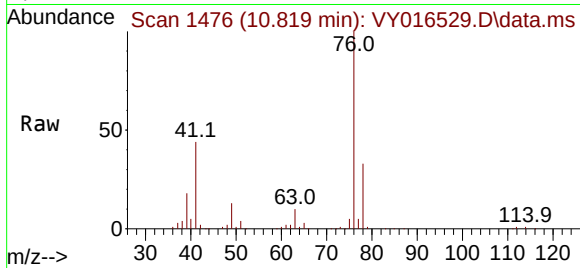




#57
1,3-Dichloropropane
Concen: 56.620 ug/l
RT: 10.819 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

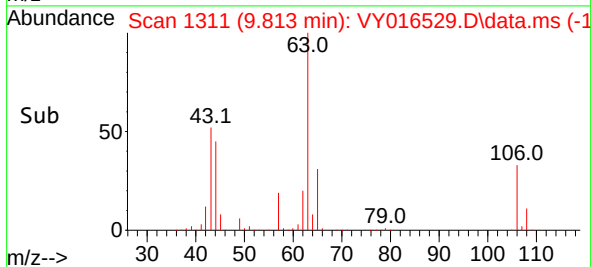
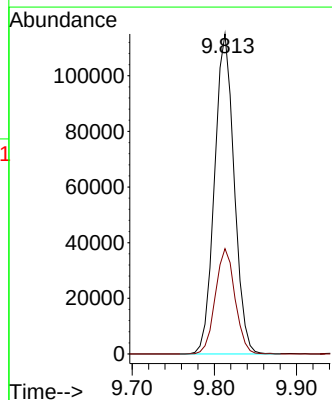
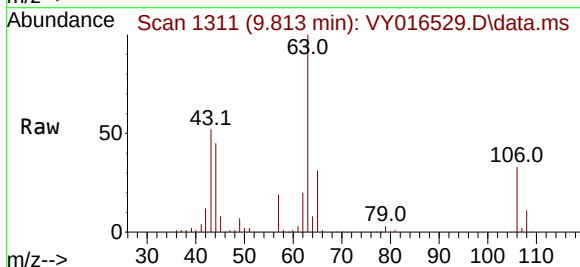
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

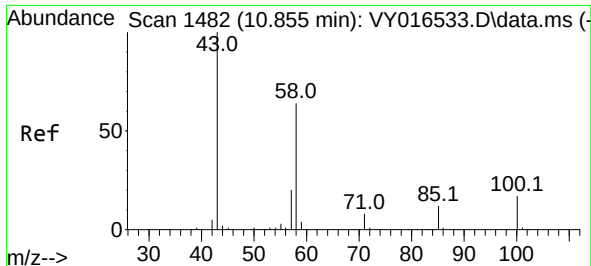
Tgt Ion: 76 Resp: 110511
Ion Ratio Lower Upper
76 100
78 33.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 300.829 ug/l
RT: 9.813 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 63 Resp: 190757
Ion Ratio Lower Upper
63 100
106 32.9 21.2 31.8#

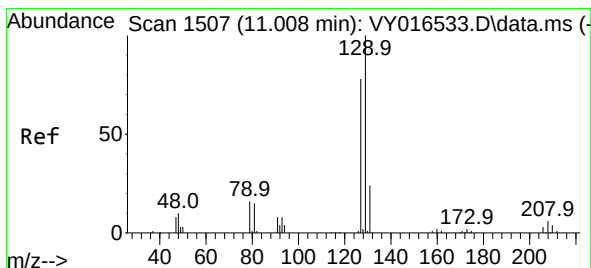
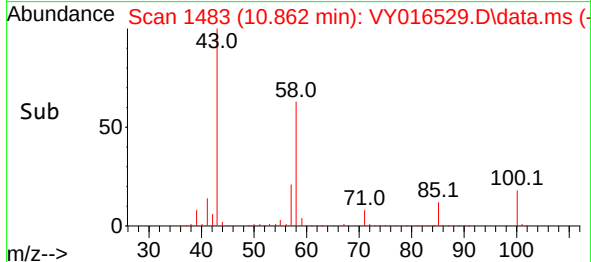
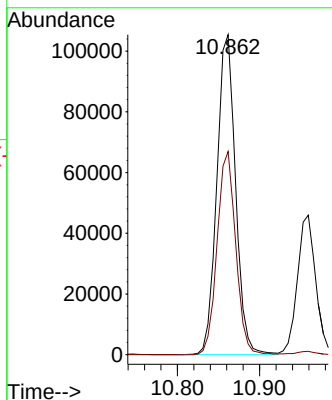
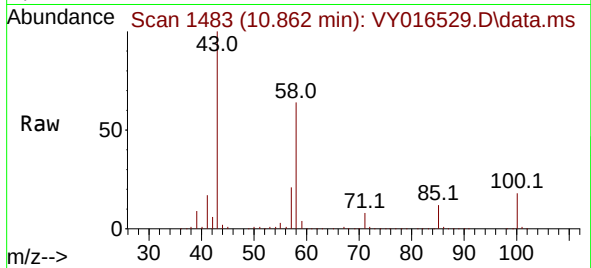




#59
2-Hexanone
Concen: 281.536 ug/l
RT: 10.862 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

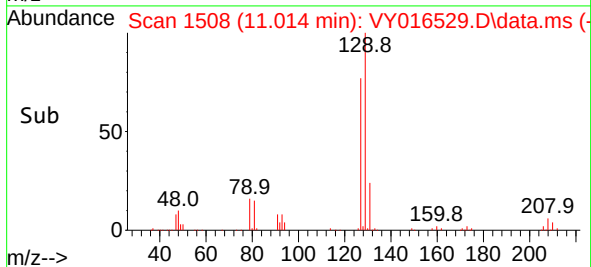
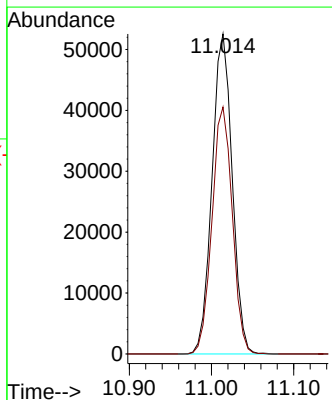
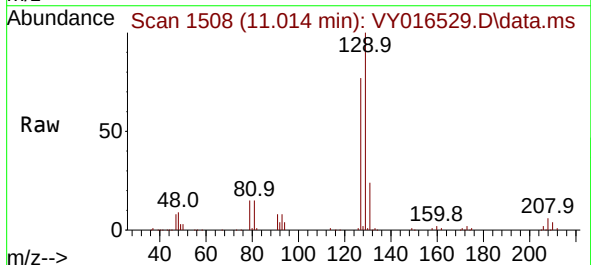
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

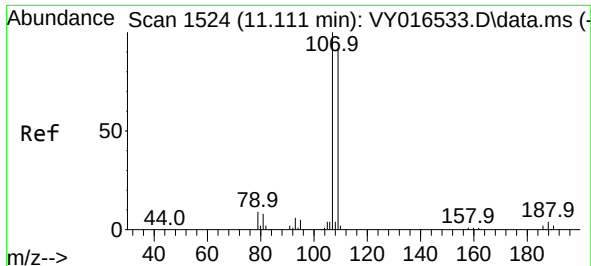
Tgt Ion: 43 Resp: 166899
Ion Ratio Lower Upper
43 100
58 63.1 25.1 75.3



#60
Dibromochloromethane
Concen: 56.521 ug/l
RT: 11.014 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 129 Resp: 89520
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

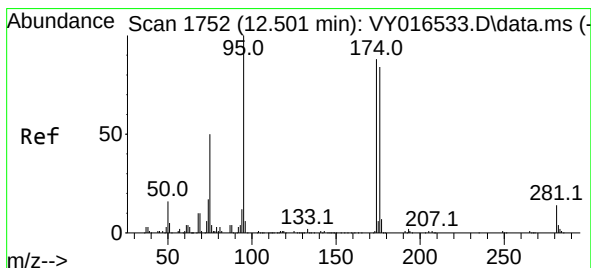
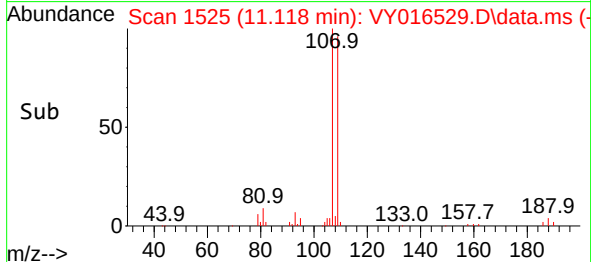
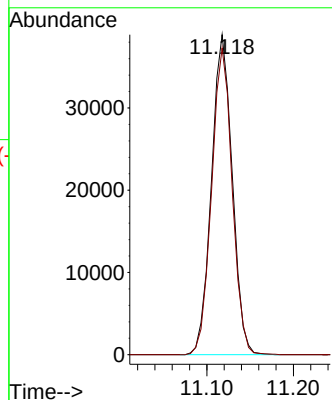
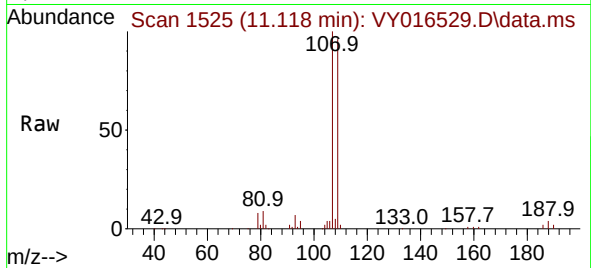




#61
1,2-Dibromoethane
Concen: 56.641 ug/l
RT: 11.118 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

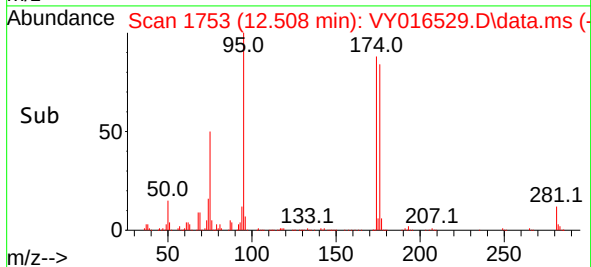
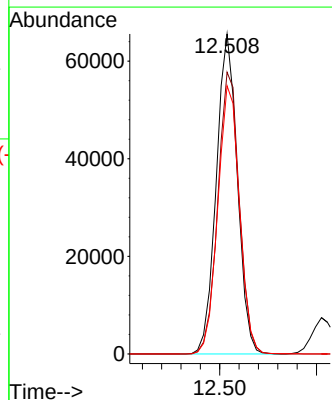
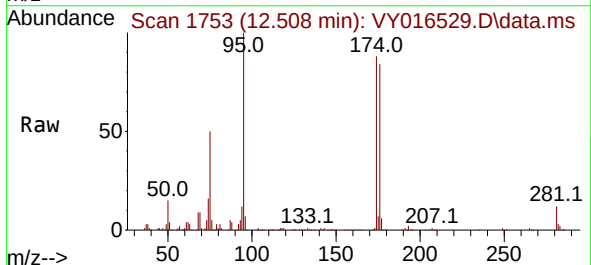
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

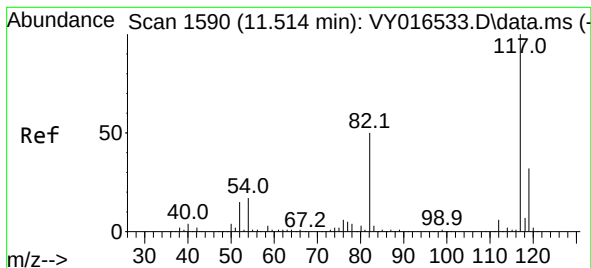
Tgt Ion:107 Resp: 64814
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.343 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 95 Resp: 98745
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 86.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

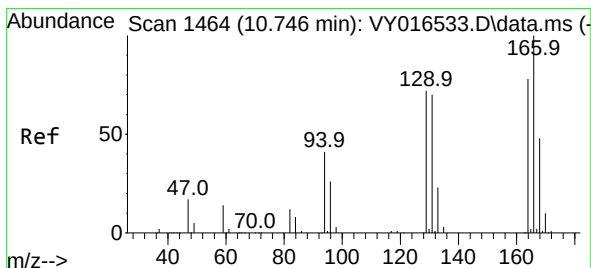
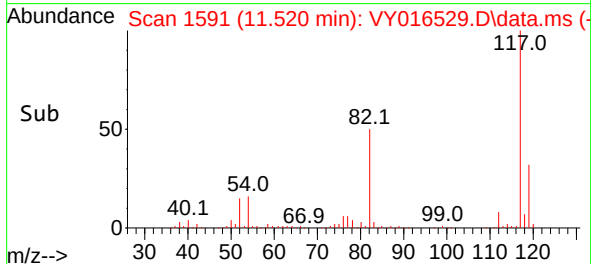
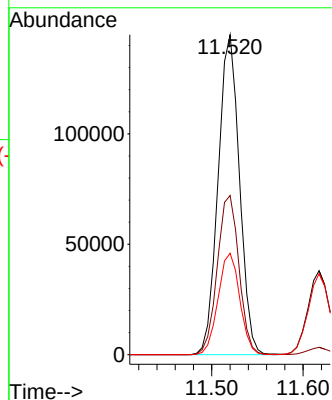
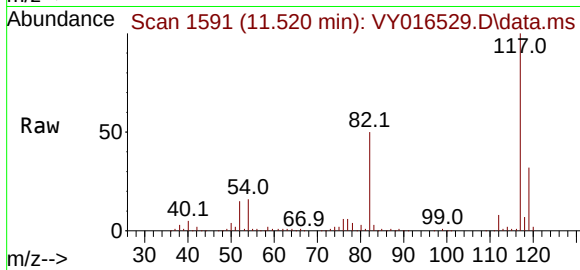
Tgt Ion:117 Resp: 235441

Ion Ratio Lower Upper

117 100

82 49.8 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 52.750 ug/l

RT: 10.752 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Tgt Ion:164 Resp: 110529

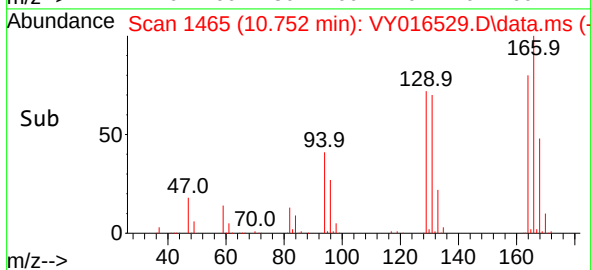
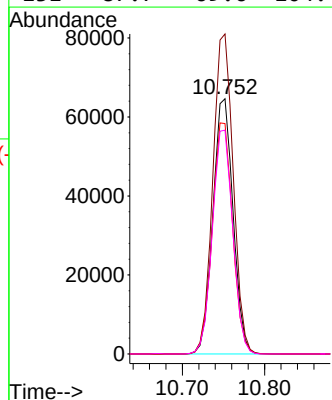
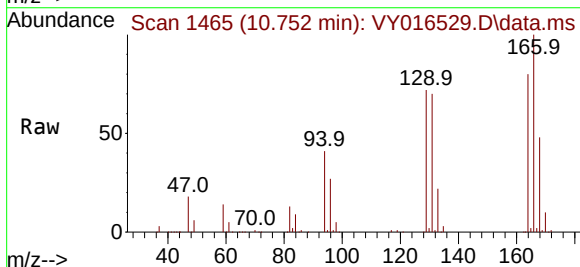
Ion Ratio Lower Upper

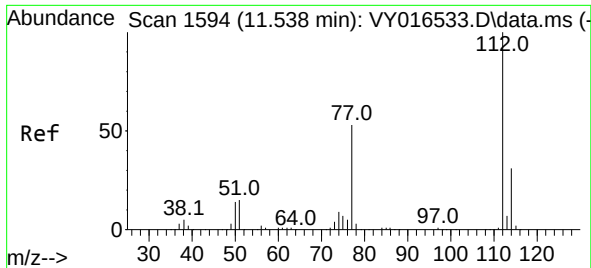
164 100

166 125.4 103.0 154.6

129 90.3 77.2 115.8

131 87.7 69.6 104.4

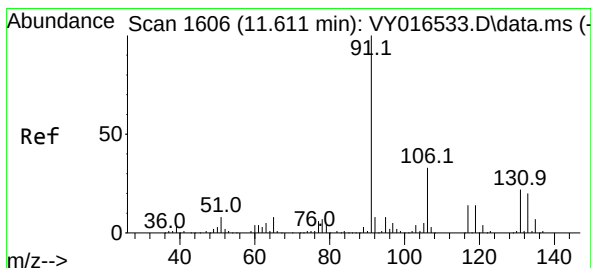
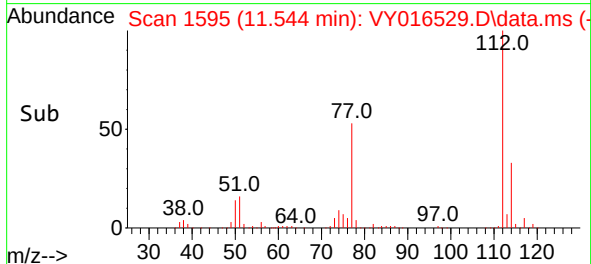
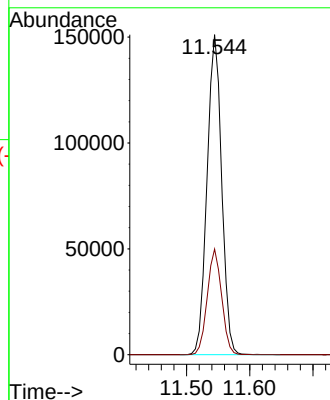
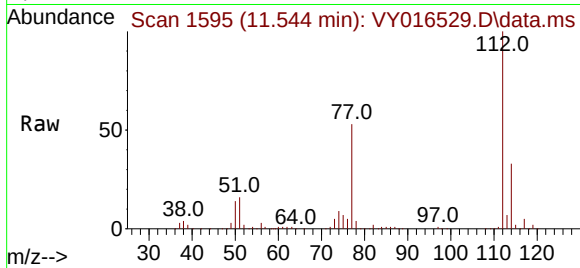




#65
Chlorobenzene
Concen: 51.610 ug/l
RT: 11.544 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

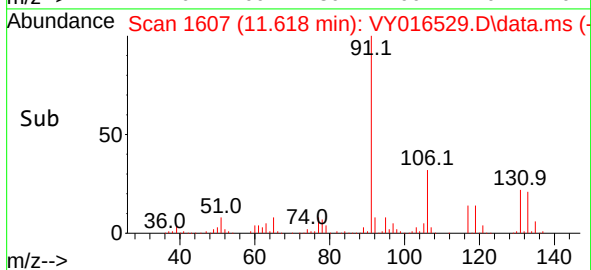
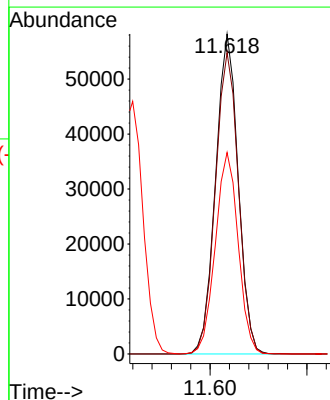
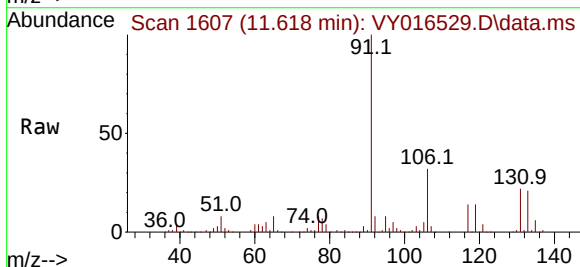
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

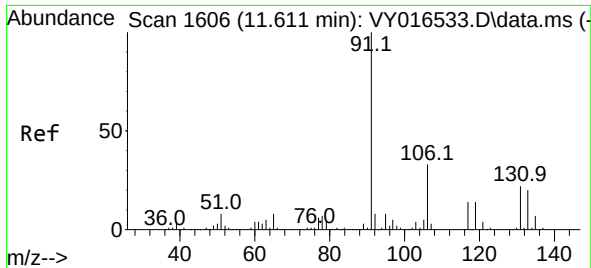
Tgt Ion:112 Resp: 243343
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.133 ug/l
RT: 11.618 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion:131 Resp: 94231
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 63.7 31.6 94.7

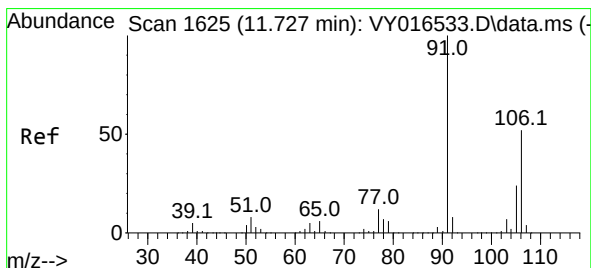
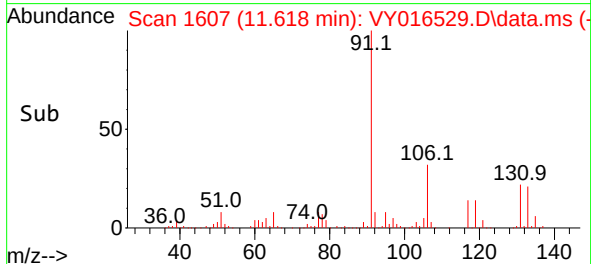
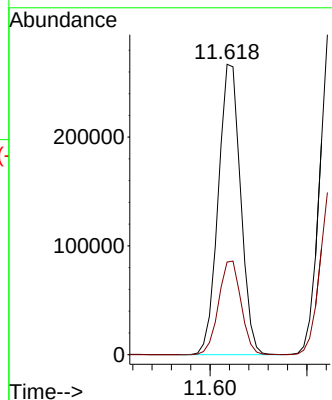
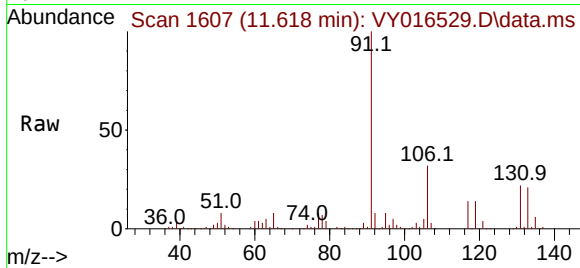




#67
Ethyl Benzene
Concen: 51.687 ug/l
RT: 11.618 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

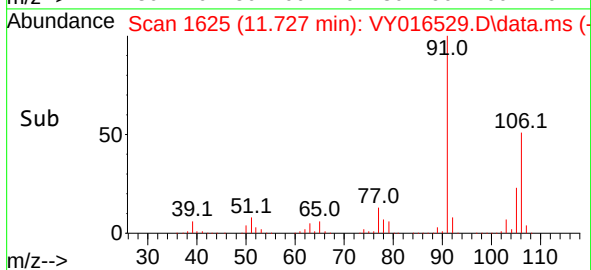
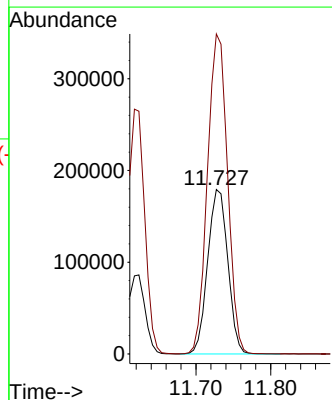
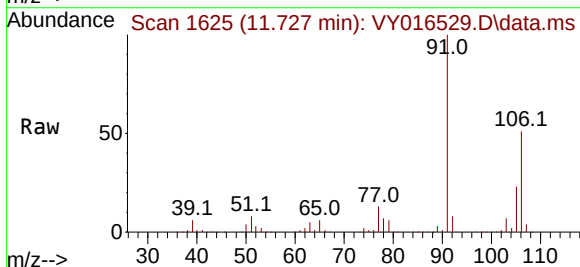
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

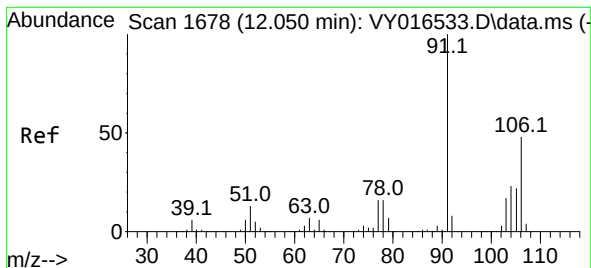
Tgt Ion: 91 Resp: 427804
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8



#68
m/p-Xylenes
Concen: 104.601 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 106 Resp: 335058
Ion Ratio Lower Upper
106 100
91 194.0 166.1 249.1





#69

o-Xylene

Concen: 53.140 ug/l

RT: 12.056 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

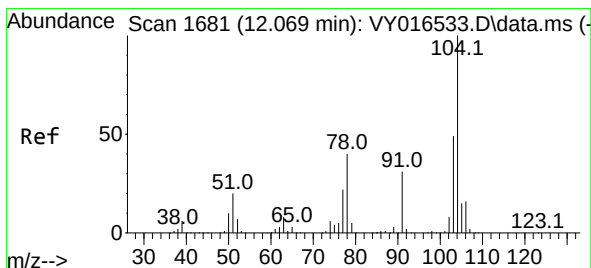
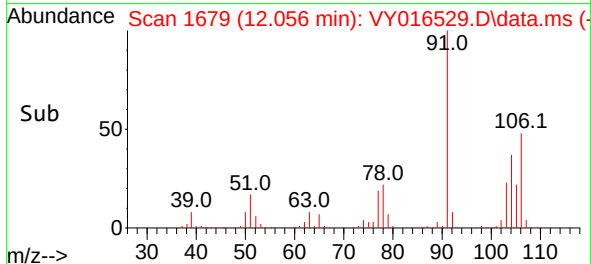
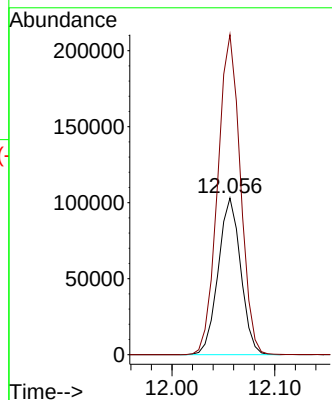
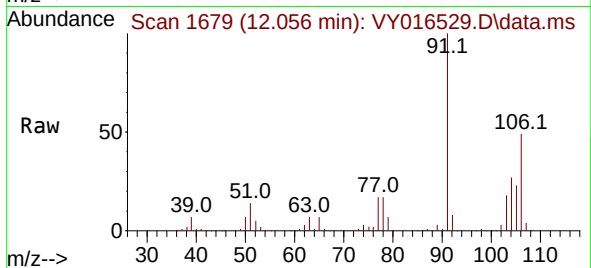
VSTDIC050

Tgt Ion:106 Resp: 156266

Ion Ratio Lower Upper

106 100

91 206.6 108.1 324.3



#70

Styrene

Concen: 53.277 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

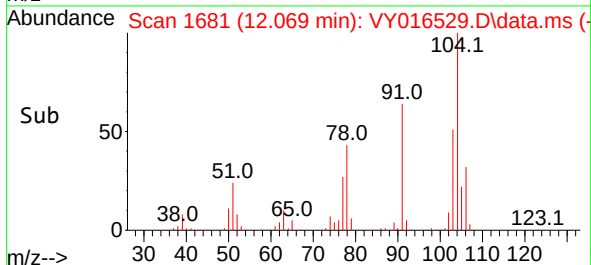
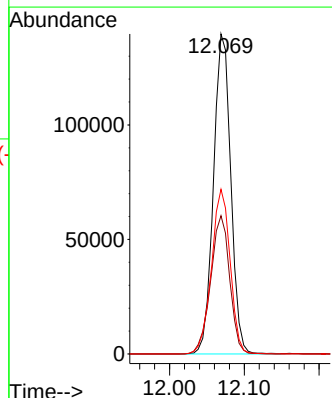
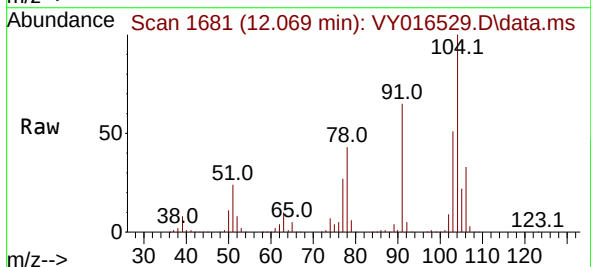
Tgt Ion:104 Resp: 225422

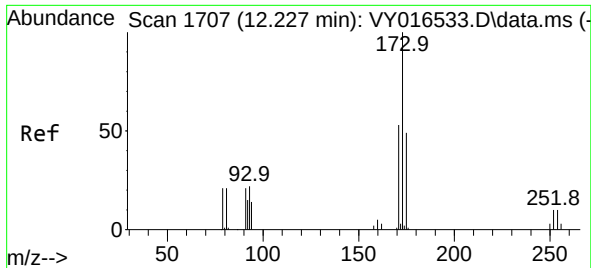
Ion Ratio Lower Upper

104 100

78 47.5 41.5 62.3

103 55.5 44.6 67.0

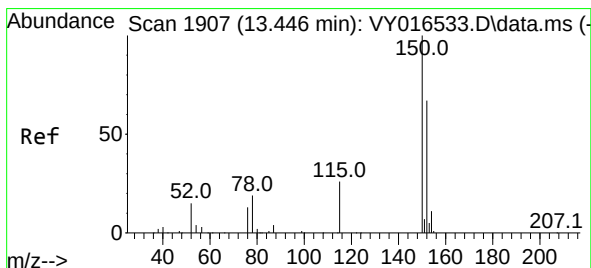
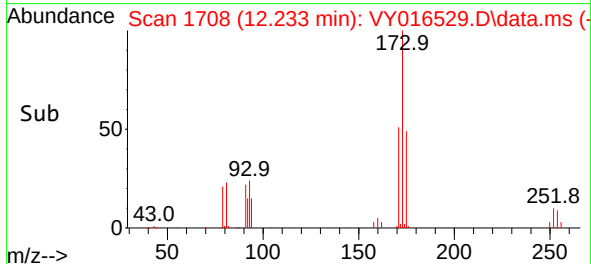
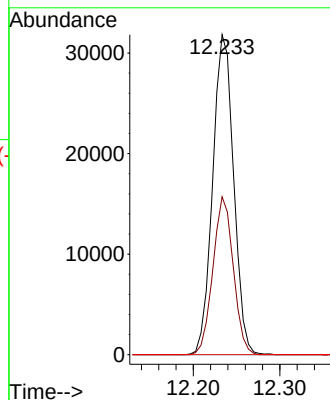
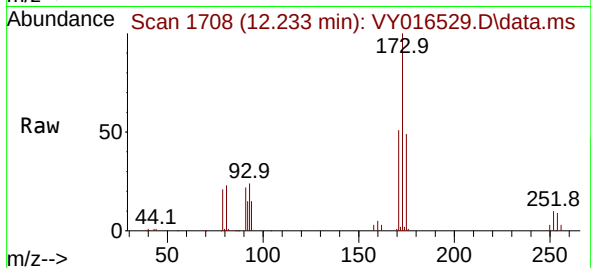




#71
Bromoform
Concen: 57.244 ug/l
RT: 12.233 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

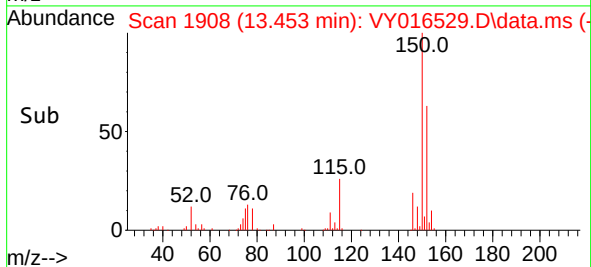
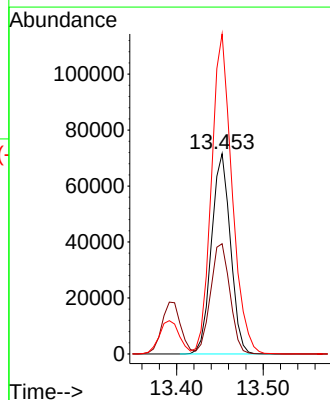
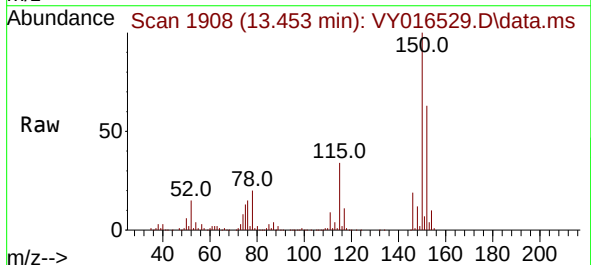
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

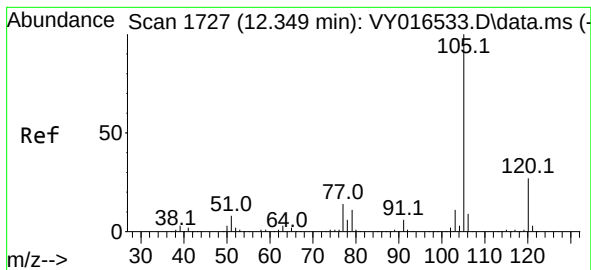
Tgt Ion:173 Resp: 53445
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion:152 Resp: 108926
Ion Ratio Lower Upper
152 100
115 56.3 28.8 86.5
150 173.3 0.0 348.8





#73

Isopropylbenzene

Concen: 51.782 ug/l

RT: 12.355 min Scan# 1728

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

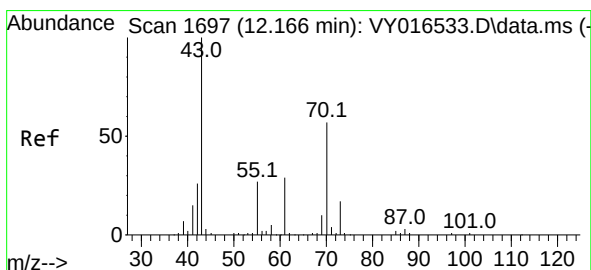
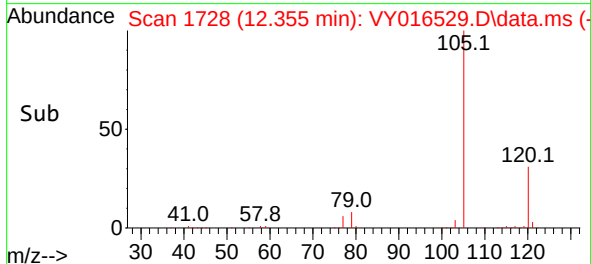
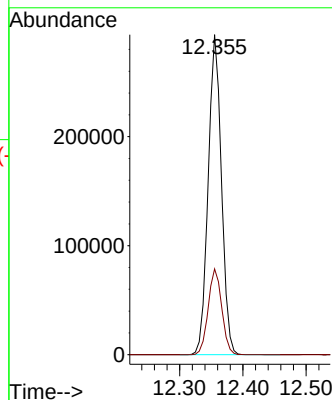
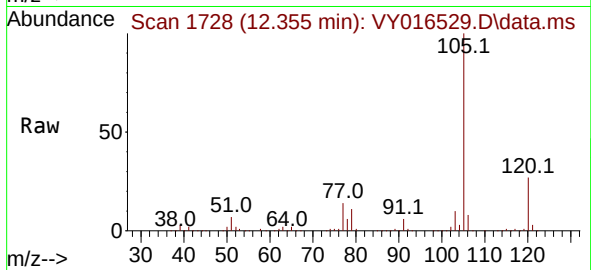
VSTDIC050

Tgt Ion:105 Resp: 427737

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.9



#74

N-ethyl acetate

Concen: 59.704 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Tgt Ion: 43 Resp: 69648

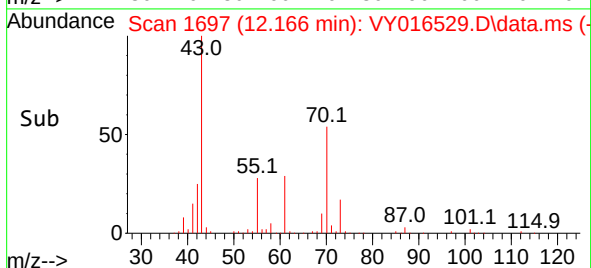
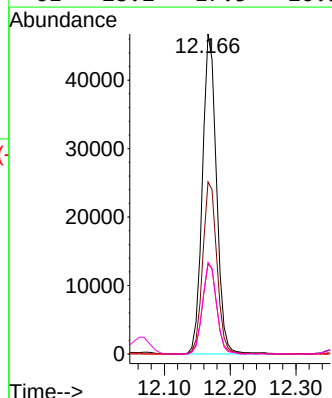
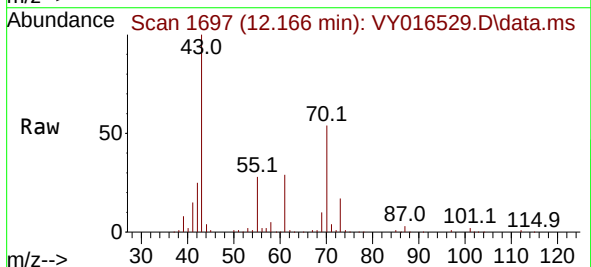
Ion Ratio Lower Upper

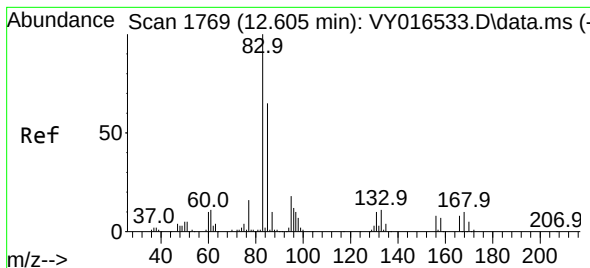
43 100

70 54.1 29.7 44.5#

55 28.5 18.3 27.5#

61 28.2 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 55.974 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

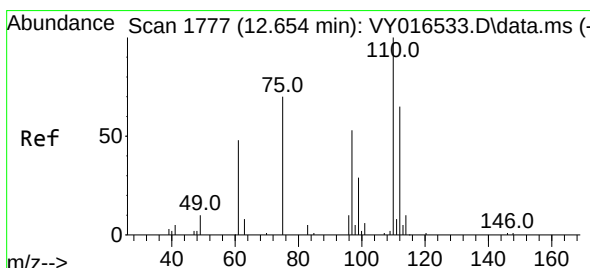
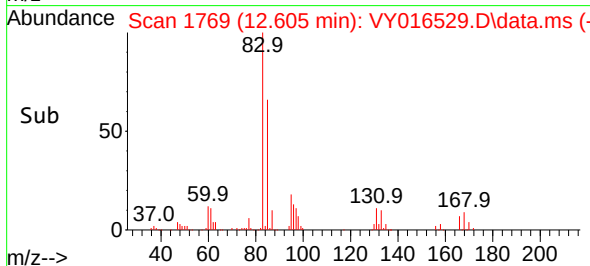
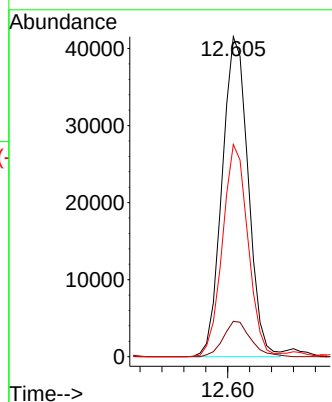
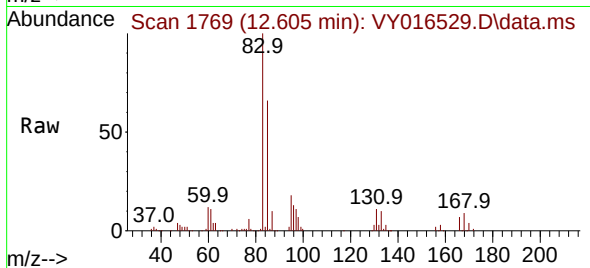
Tgt Ion: 83 Resp: 68634

Ion Ratio Lower Upper

83 100

131 11.7 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 98.908 ug/l

RT: 12.660 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY016529.D

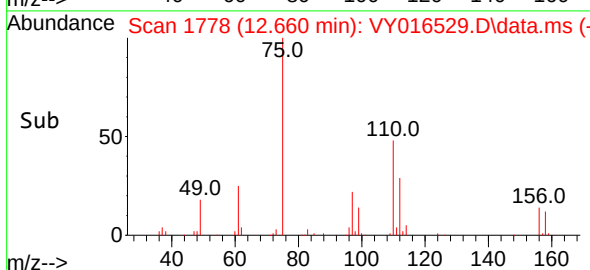
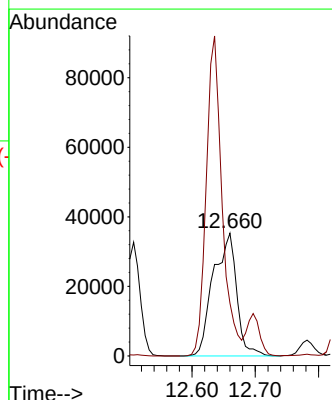
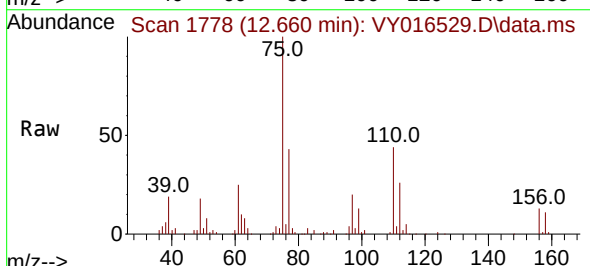
Acq: 29 Nov 2023 09:56

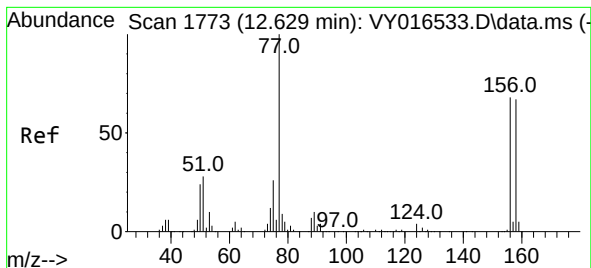
Tgt Ion: 75 Resp: 90757

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.637 ug/l

RT: 12.636 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

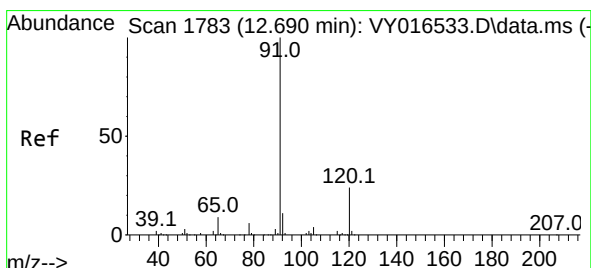
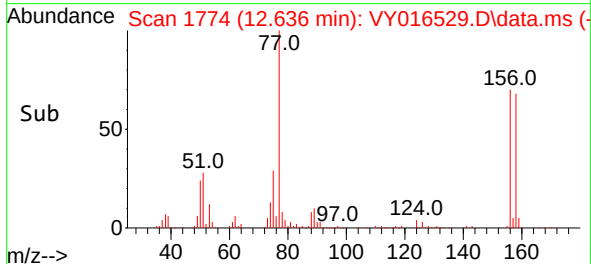
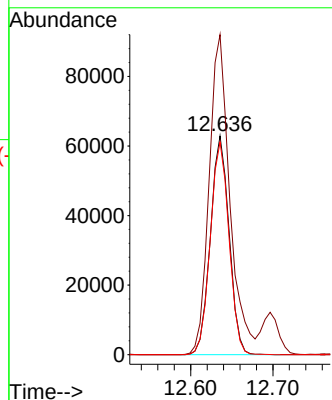
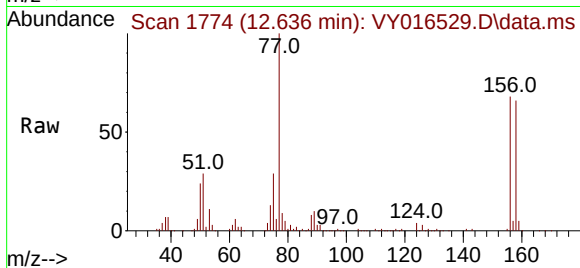
Tgt Ion:156 Resp: 99319

Ion Ratio Lower Upper

156 100

77 162.2 92.8 278.6

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 51.613 ug/l

RT: 12.697 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY016529.D

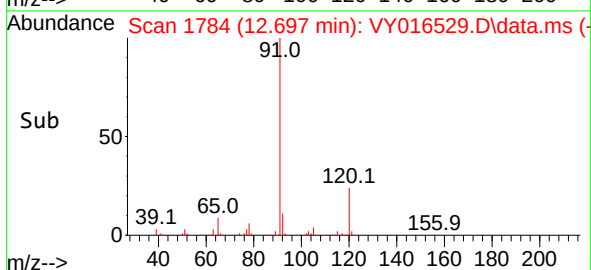
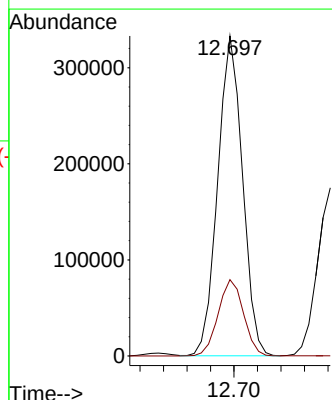
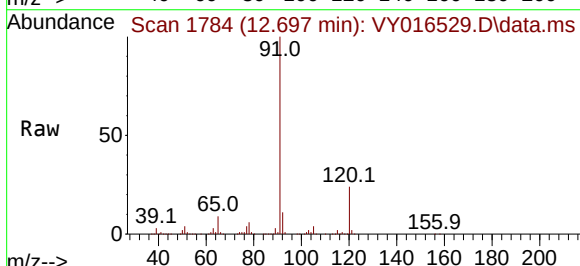
Acq: 29 Nov 2023 09:56

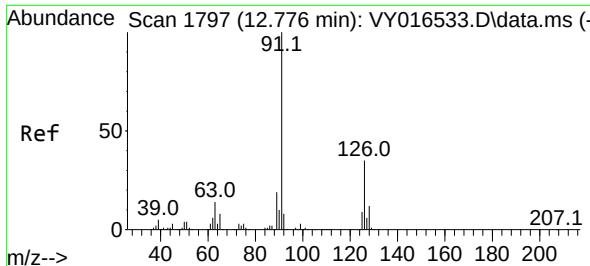
Tgt Ion: 91 Resp: 487765

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4

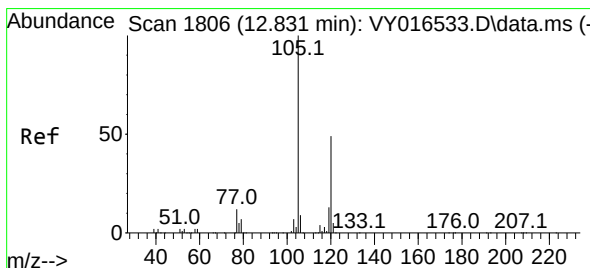
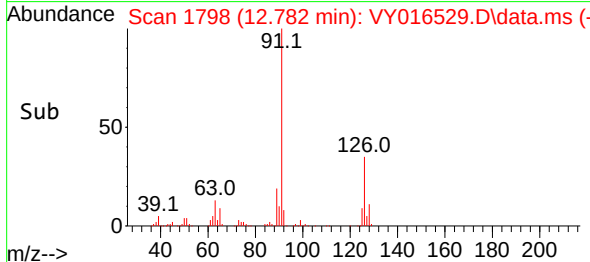
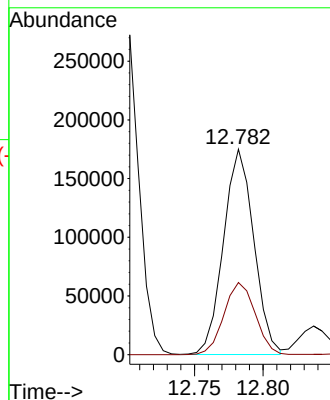
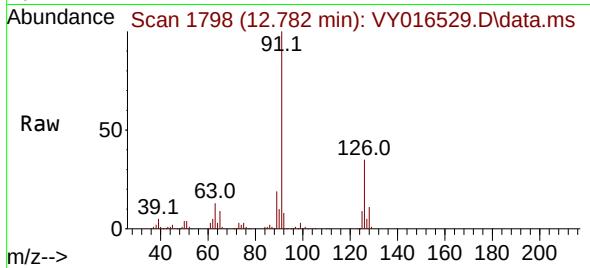




#79
2-Chlorotoluene
Concen: 51.238 ug/l
RT: 12.782 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

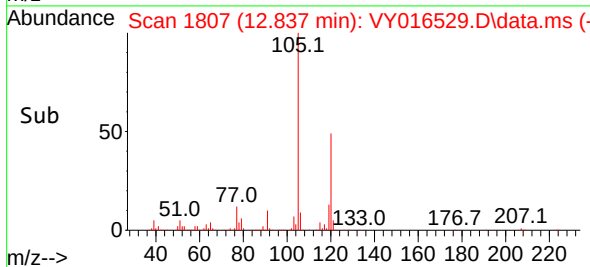
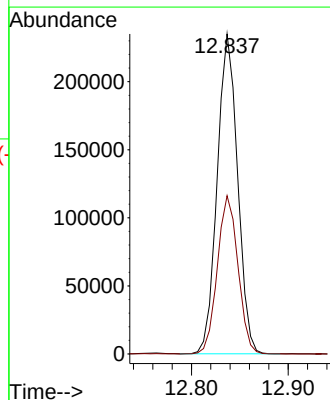
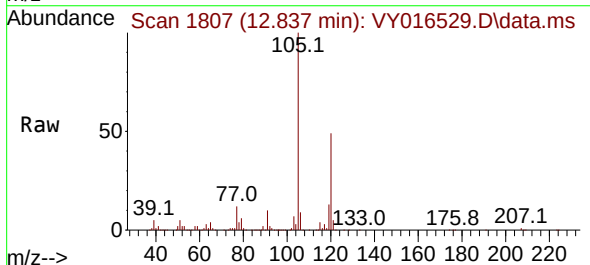
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

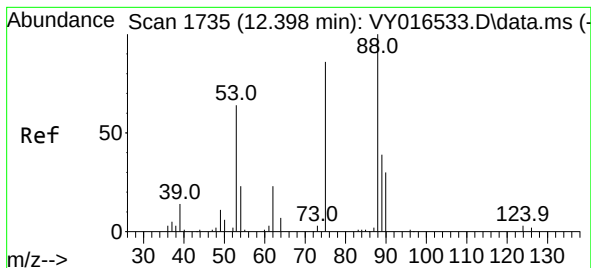
Tgt Ion: 91 Resp: 269323
Ion Ratio Lower Upper
91 100
126 36.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.766 ug/l
RT: 12.837 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 105 Resp: 343742
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7

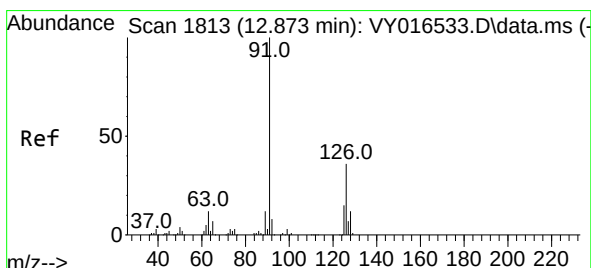
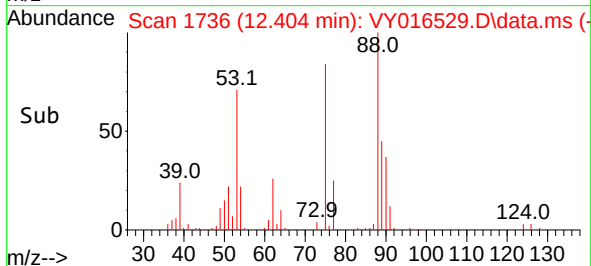
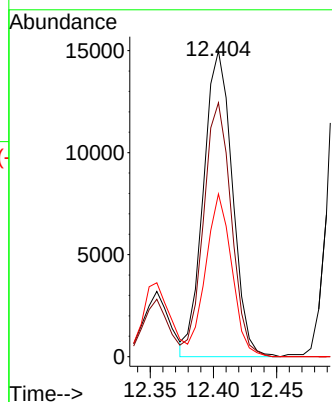
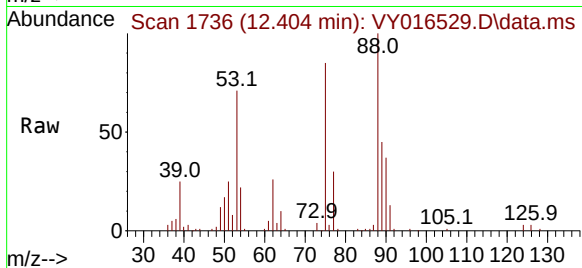




#81
trans-1,4-Dichloro-2-butene
Concen: 56.891 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

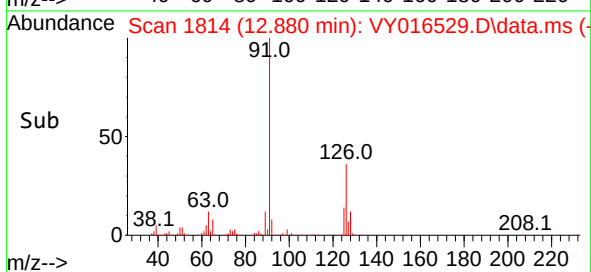
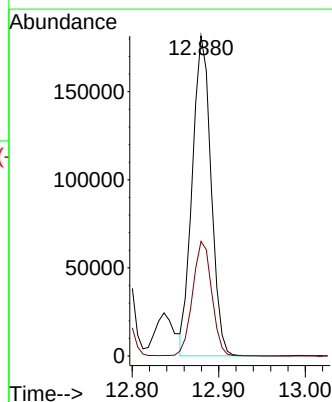
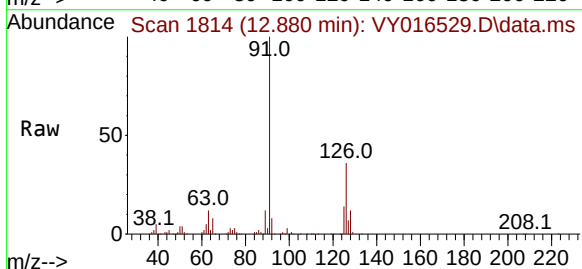
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

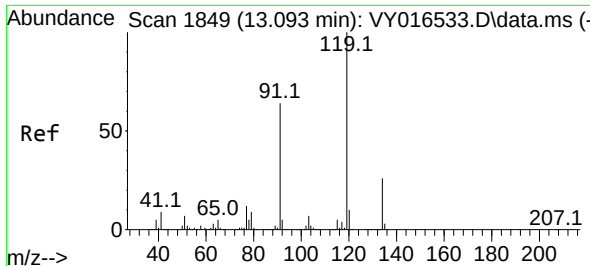
Tgt Ion: 75 Resp: 23857
Ion Ratio Lower Upper
75 100
53 79.9 77.8 116.8
89 47.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.590 ug/l
RT: 12.880 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 91 Resp: 273023
Ion Ratio Lower Upper
91 100
126 36.7 17.2 51.6

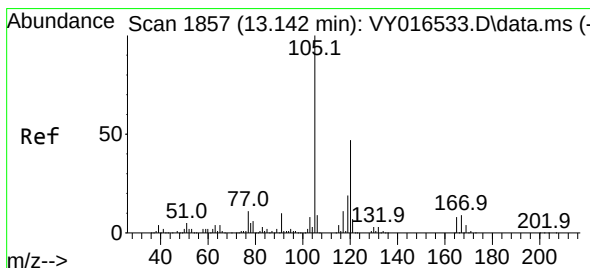
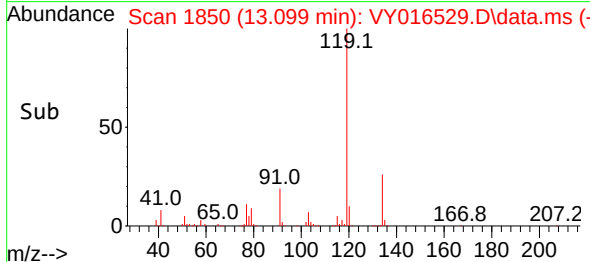
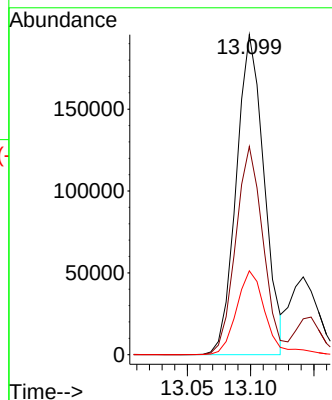
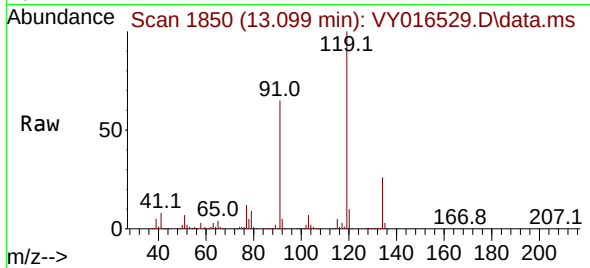




#83
tert-Butylbenzene
Concen: 50.032 ug/l
RT: 13.099 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

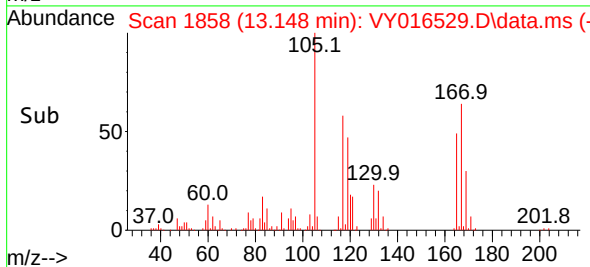
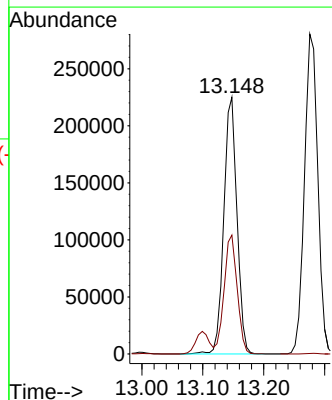
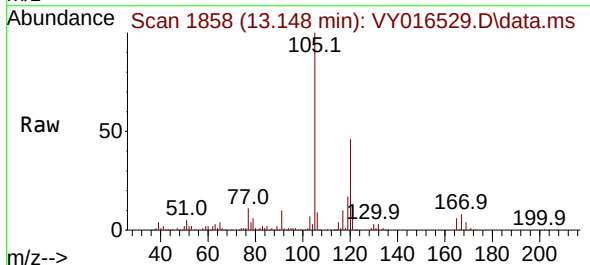
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

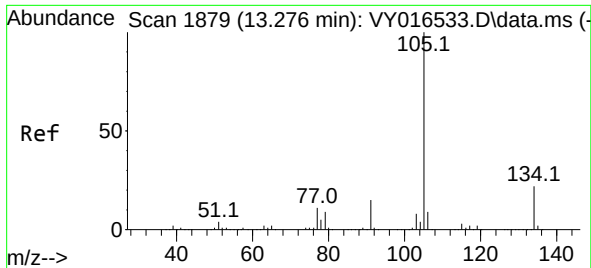
Tgt Ion:119 Resp: 299818
Ion Ratio Lower Upper
119 100
91 64.4 32.9 98.6
134 27.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 52.294 ug/l
RT: 13.148 min Scan# 1858
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion:105 Resp: 338075
Ion Ratio Lower Upper
105 100
120 46.1 22.2 66.6

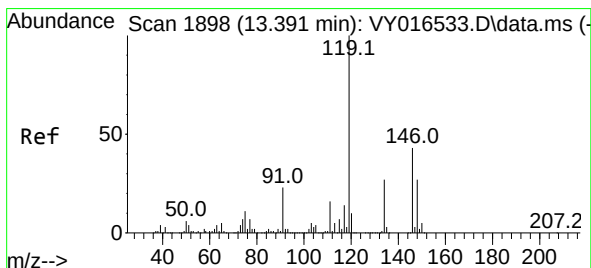
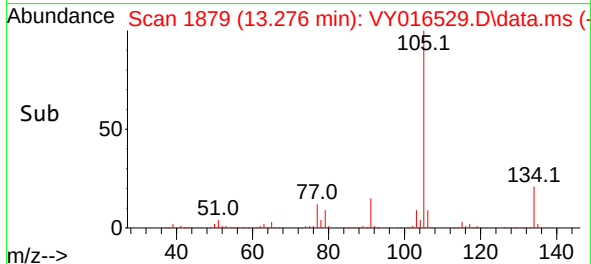
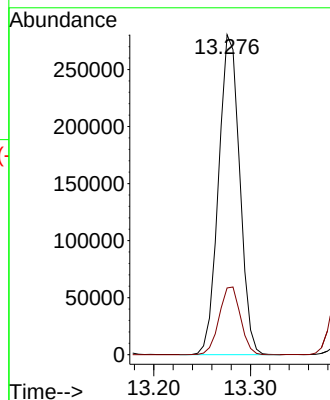
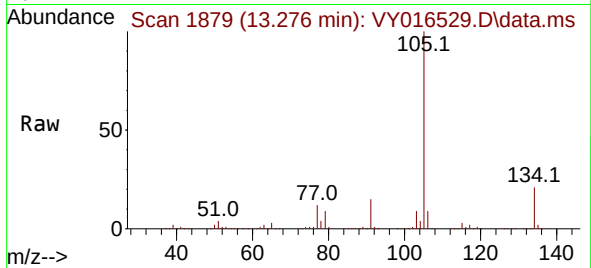




#85
 sec-Butylbenzene
 Concen: 51.311 ug/l
 RT: 13.276 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY016529.D
 Acq: 29 Nov 2023 09:56

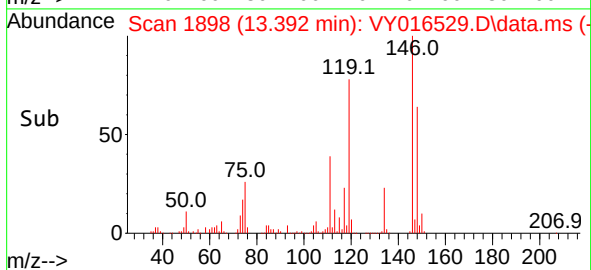
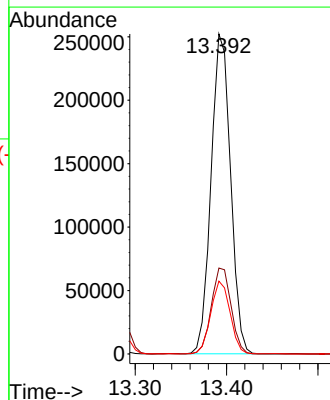
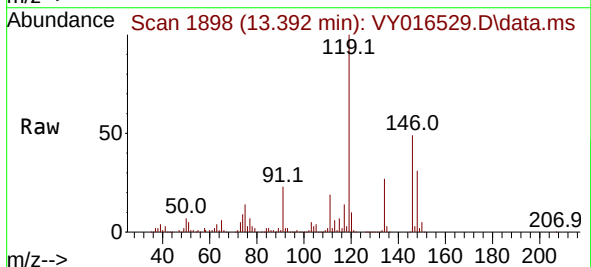
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC050

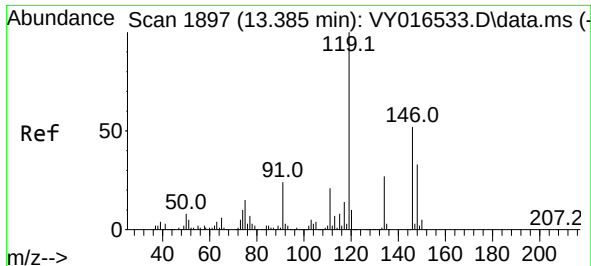
Tgt Ion:105 Resp: 425266
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.174 ug/l
 RT: 13.392 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY016529.D
 Acq: 29 Nov 2023 09:56

Tgt Ion:119 Resp: 373616
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 22.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.087 ug/l

RT: 13.392 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

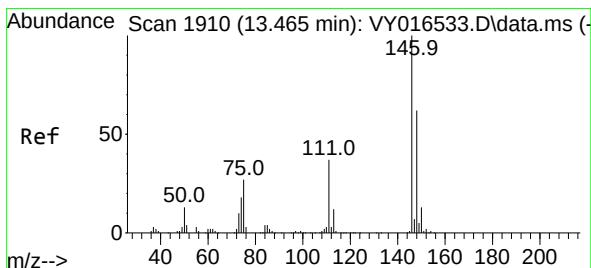
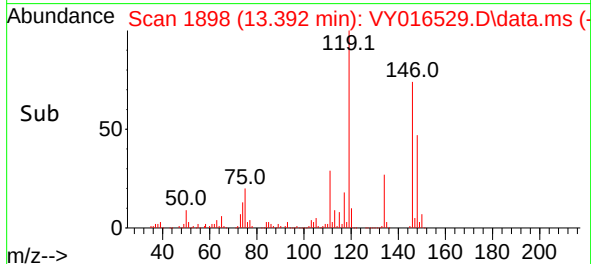
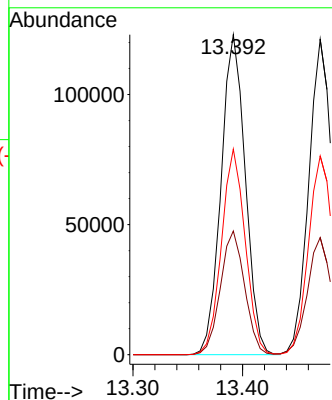
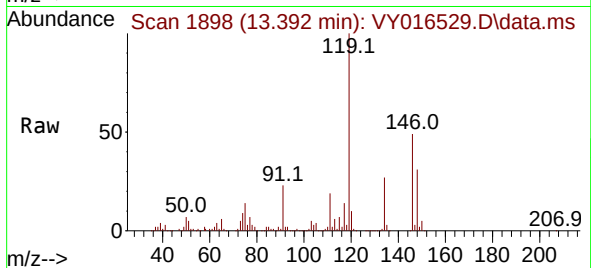
Tgt Ion:146 Resp: 189174

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 62.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.546 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

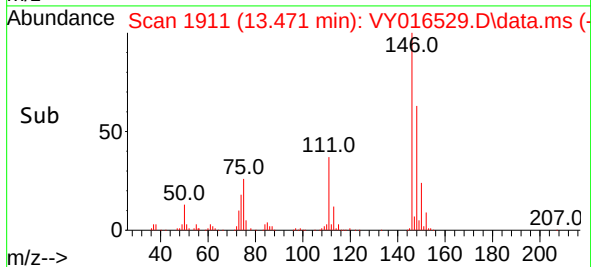
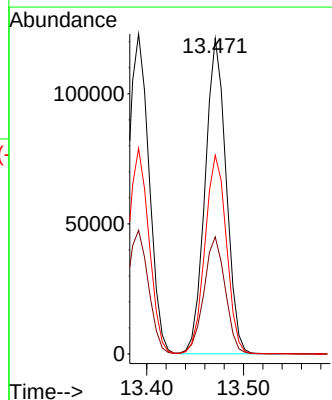
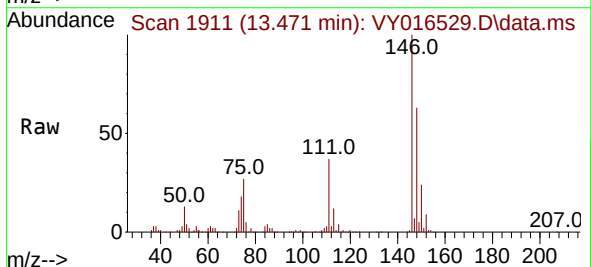
Tgt Ion:146 Resp: 183234

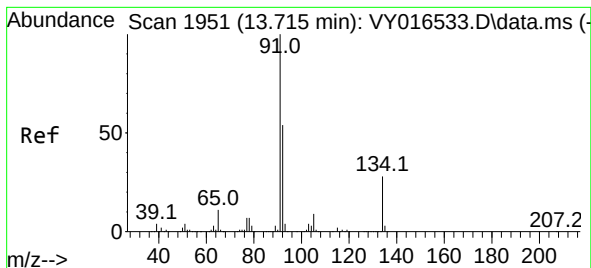
Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 52.569 ug/l

RT: 13.721 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

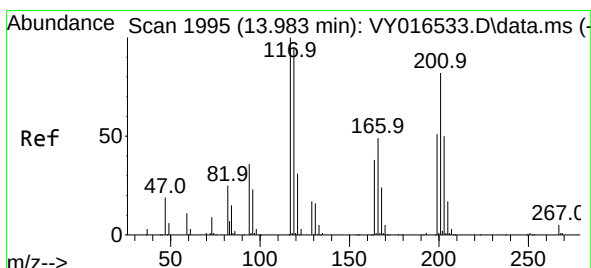
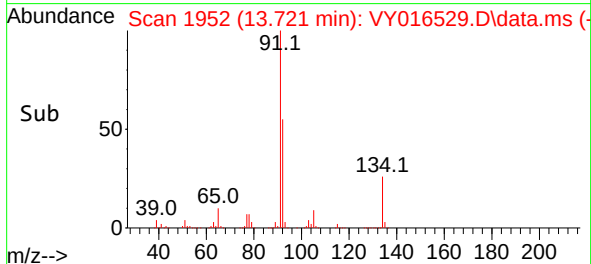
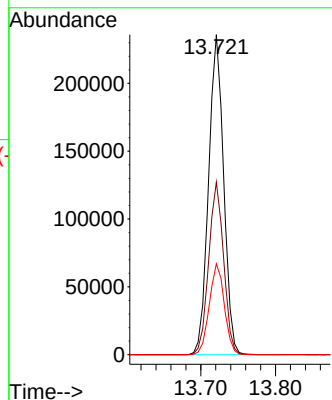
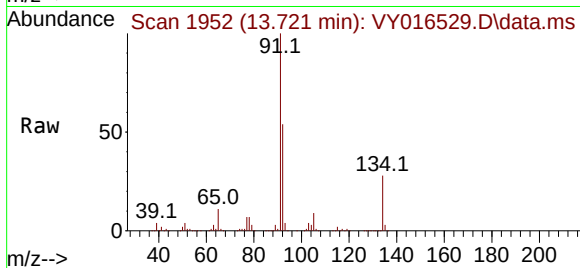
Tgt Ion: 91 Resp: 329957

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 28.3 12.6 37.6



#90

Hexachloroethane

Concen: 50.935 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY016529.D

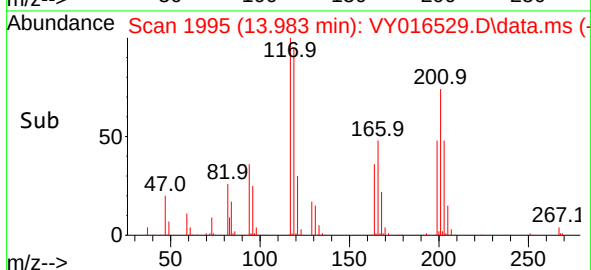
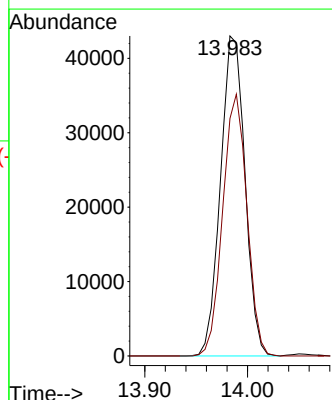
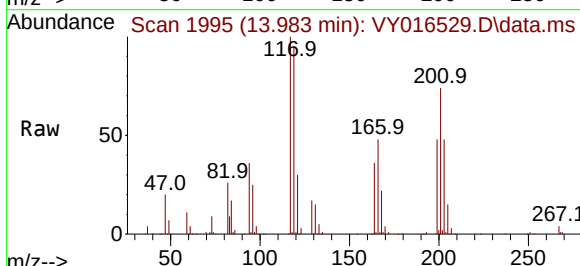
Acq: 29 Nov 2023 09:56

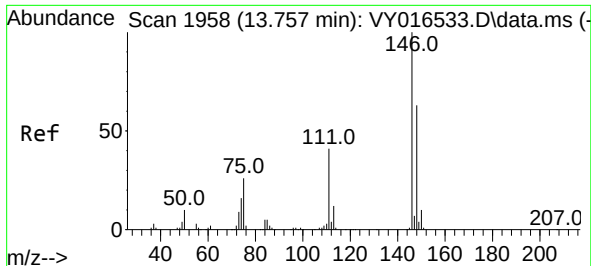
Tgt Ion: 117 Resp: 71166

Ion Ratio Lower Upper

117 100

201 80.6 41.6 124.8

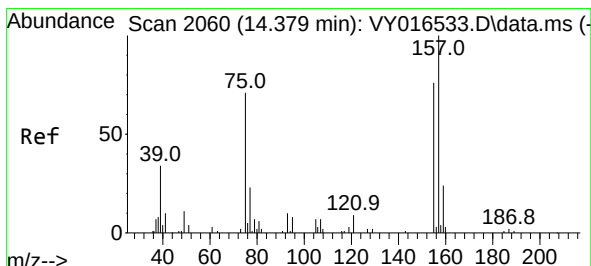
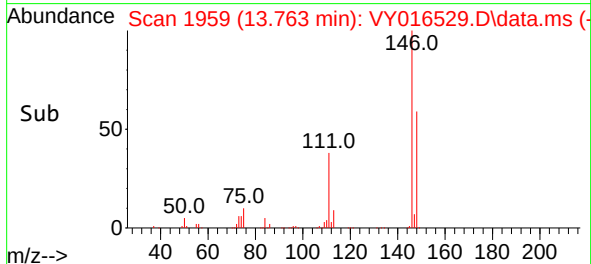
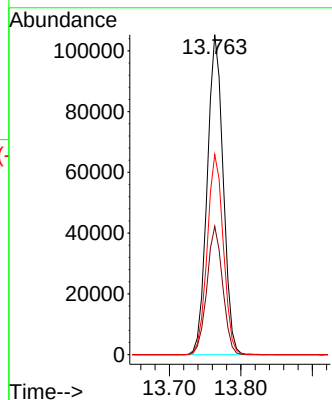
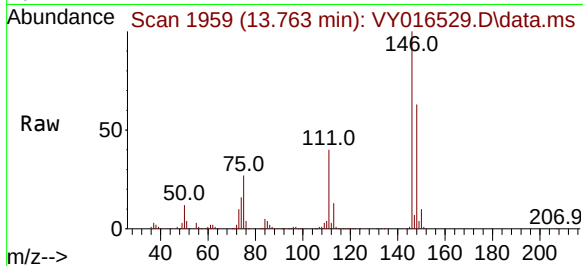




#91
1,2-Dichlorobenzene
Concen: 53.002 ug/l
RT: 13.763 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

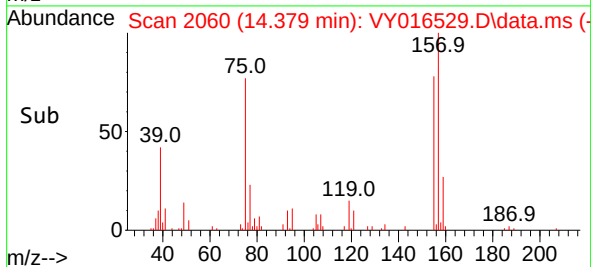
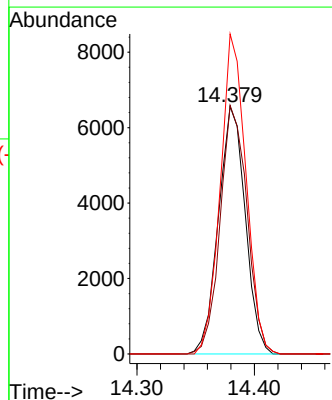
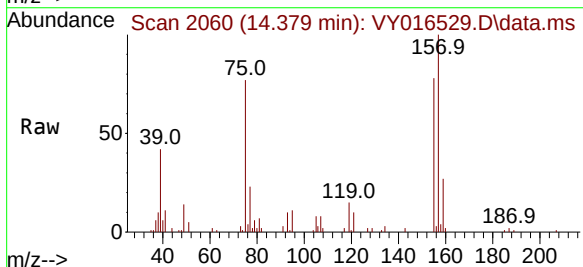
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC050

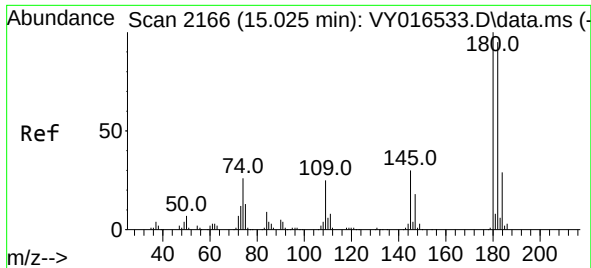
Tgt Ion:146 Resp: 163140
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.0
148 63.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.255 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion: 75 Resp: 10394
Ion Ratio Lower Upper
75 100
155 100.9 41.5 124.6
157 123.6 51.8 155.5

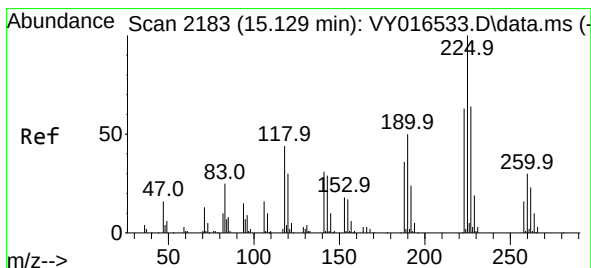
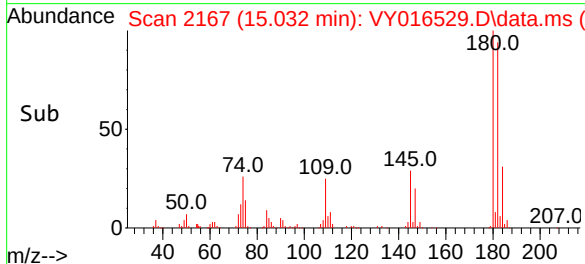
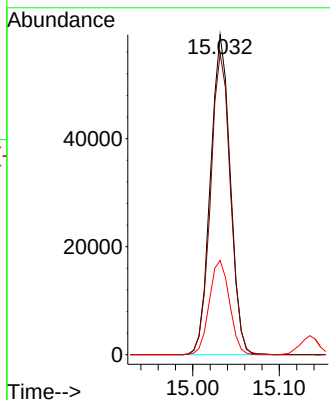
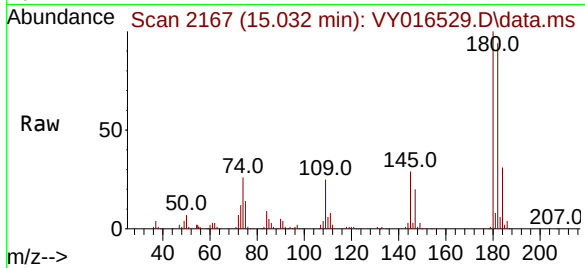




#93
1,2,4-Trichlorobenzene
Concen: 49.794 ug/l
RT: 15.032 min Scan# 2166
Delta R.T. 0.007 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

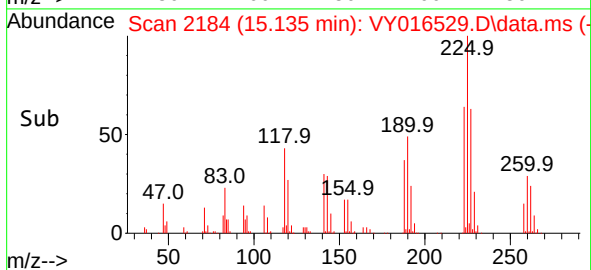
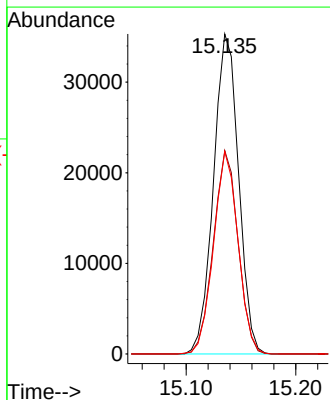
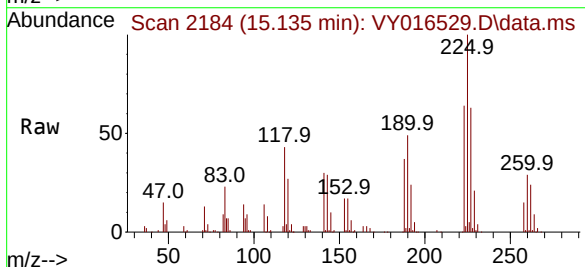
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC050

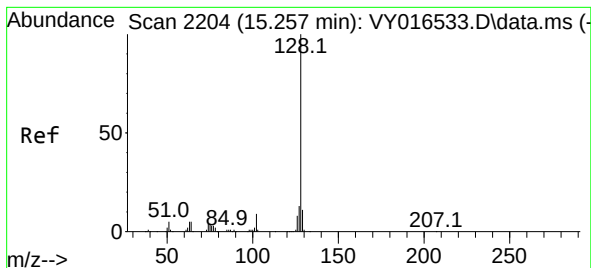
Tgt Ion:180 Resp: 93854
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.2
145 30.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 52.692 ug/l
RT: 15.135 min Scan# 2184
Delta R.T. 0.006 min
Lab File: VY016529.D
Acq: 29 Nov 2023 09:56

Tgt Ion:225 Resp: 56170
Ion Ratio Lower Upper
225 100
223 62.6 31.9 95.9
227 61.7 33.0 98.9





#95

Naphthalene

Concen: 50.641 ug/l

RT: 15.263 min Scan# 2205

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC050

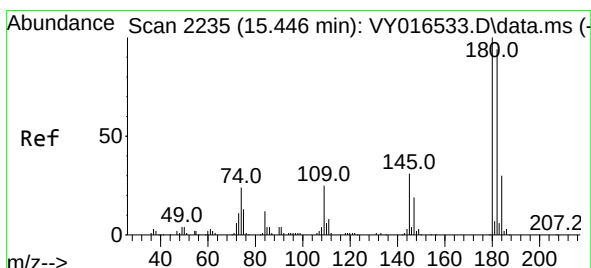
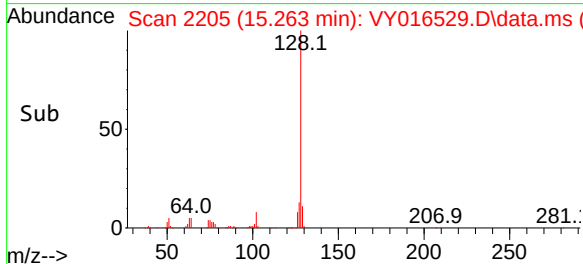
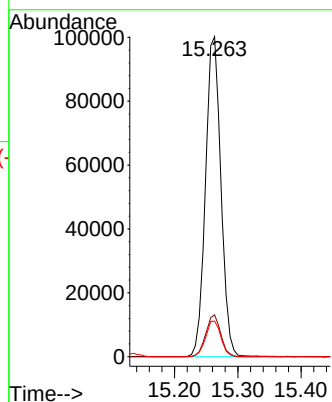
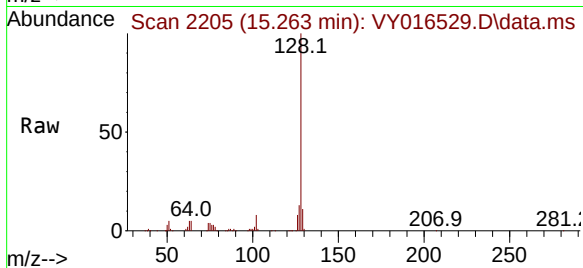
Tgt Ion:128 Resp: 169841

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.147 ug/l

RT: 15.452 min Scan# 2236

Delta R.T. 0.006 min

Lab File: VY016529.D

Acq: 29 Nov 2023 09:56

Tgt Ion:180 Resp: 77123

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 32.2 15.4 46.2

